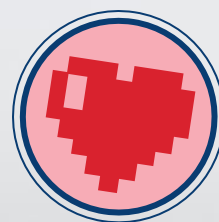
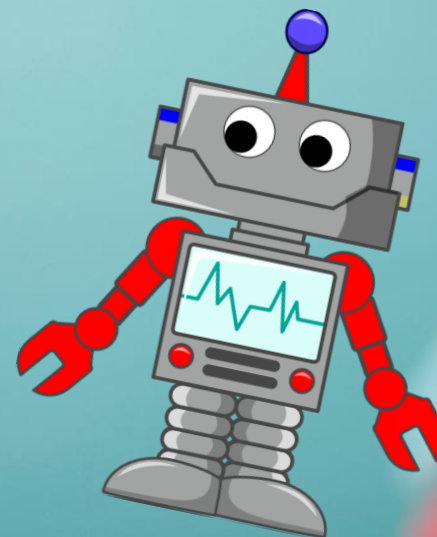
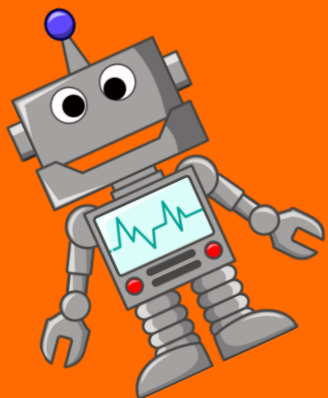


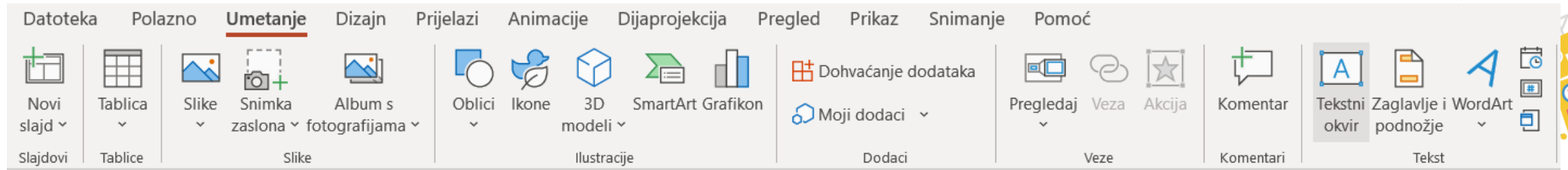
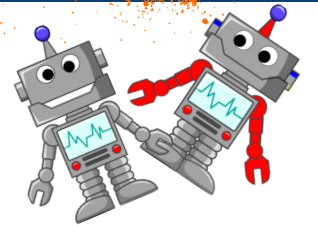


Računalna animacija





Umetanje teksta



DVIJE BUDUĆNOSTI

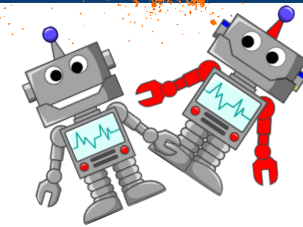
Odabrati tekstni okvir

1. Slajd 1. Na kartici Umetanje odabrati tekstni okvir
2. Upisati tekst „DVIJE BUDUĆNOSTI”

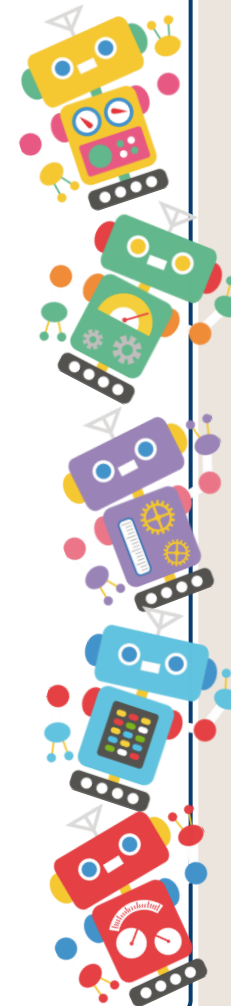




RAČUNALNA ANIMACIJA

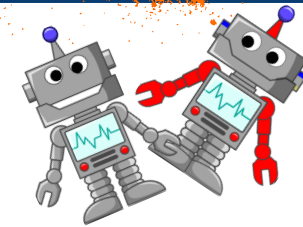


- Računalna animacija je kao čarobni proces koji oživljava crteže i modele pomoću računala.
- Zamislite da vaši omiljeni crtani filmovi ili video igre počinju kao niz sličica koje su mirne, a onda, uz pomoć računala, te sličice se pokrenu i stvore priču koja se kreće, skoro kao kada listate knjigu sličica brzo i likovi kao da se pomiču.

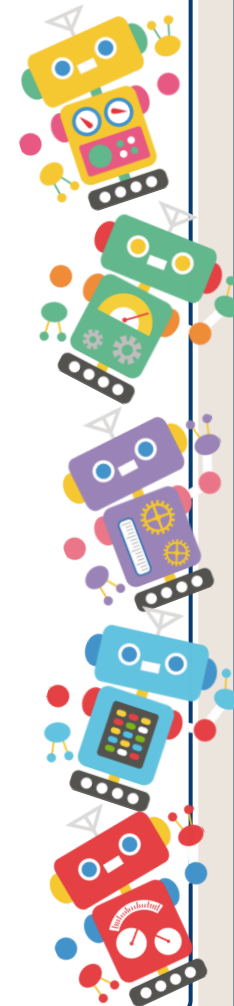




RAČUNALNA ANIMACIJA

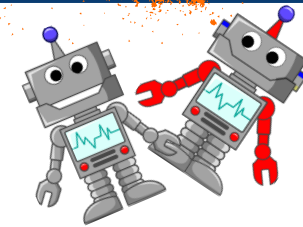


- Kada radimo računalnu animaciju, prvo moramo stvoriti likove i svijet u kojem žive.
- To možemo napraviti crtanjem na računalu ili modeliranjem u 3D programima, gdje likovi izgledaju kao figure od plastelina koje možemo oblikovati. Zatim, kao lutkari, dajemo im pokret tako što im govorimo kako da se miču, skakuću ili mašu rukama. Sve to radimo koristeći posebne programe na računalu.

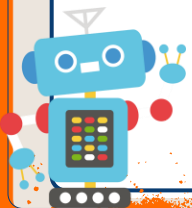




RAČUNALNA ANIMACIJA

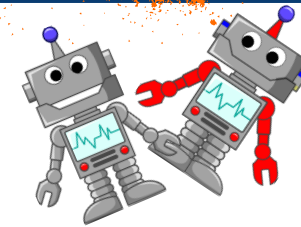


- Ono što čini računalnu animaciju posebno zanimljivom je to što možemo stvoriti svjetove i priče koje su nemoguće u stvarnom životu.
- Možemo posjetiti svemir, dubine oceana ili čarobne zemlje punih fantastičnih bića, sve iz udobnosti našeg doma.
- Također, možemo stvarati likove i avanture koje izlaze iz naše mašte, dajući im život na ekranu.

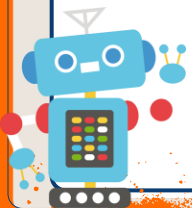
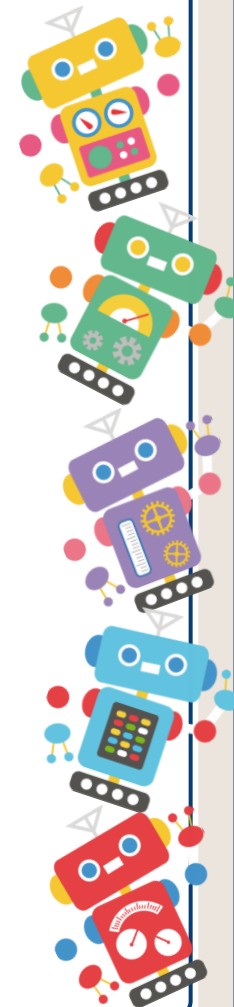




RAČUNALNA ANIMACIJA



- Za učenike vaše dobi, računalna animacija može biti zabavan način za učenje o tehnologiji, umjetnosti i pripovijedanju.
- Možete početi s jednostavnim projektima, kao što su kratke animacije ili jednostavne igre, i polako učiti više dok se zabavljate stvarajući vlastite priče.
- Tko zna, možda jednog dana i vi kreirate animaciju koju će gledati cijeli svijet!



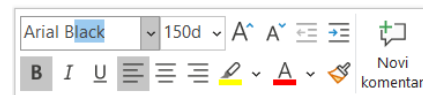


OBLIKOVANJE TEKSTA

Odabrati:

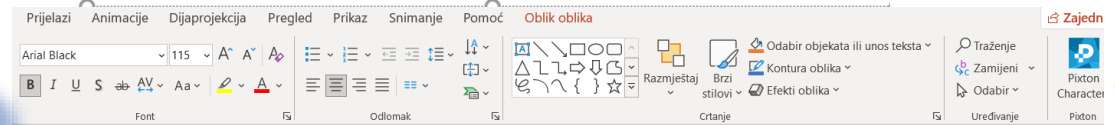
- Font: Arial Black
- Veličina: 100 i više

1

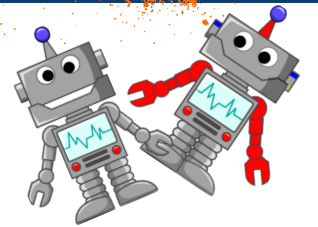


DVIJE
BUDUĆNOS
TI

2

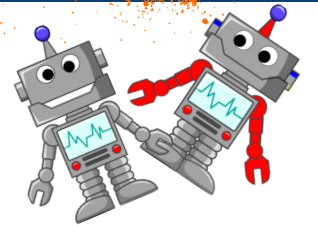


DVIJE
BUDUĆNOSTI



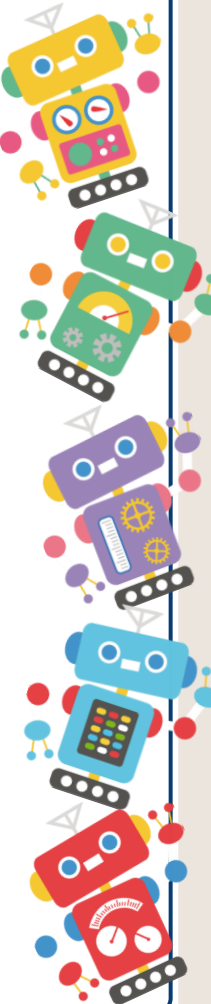
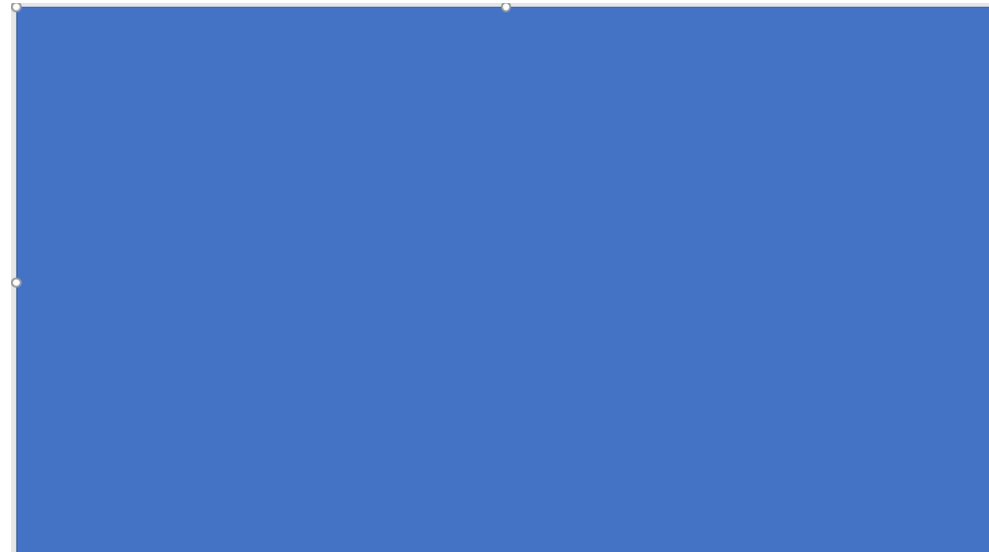


DODAVANJE POZADINE



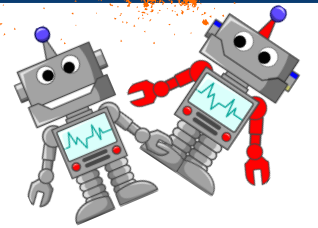
1

1. Dodamo oblik pravokutnika preko cijelog slajda
2. Staviti ga u pozadinu (iza)
3. Bez konture i ispuna bijelo



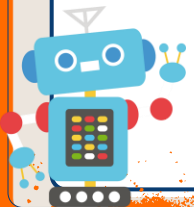
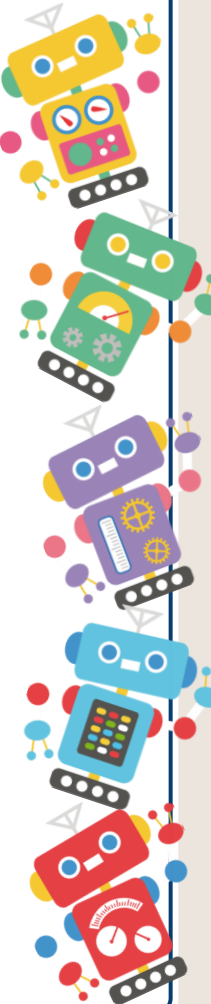
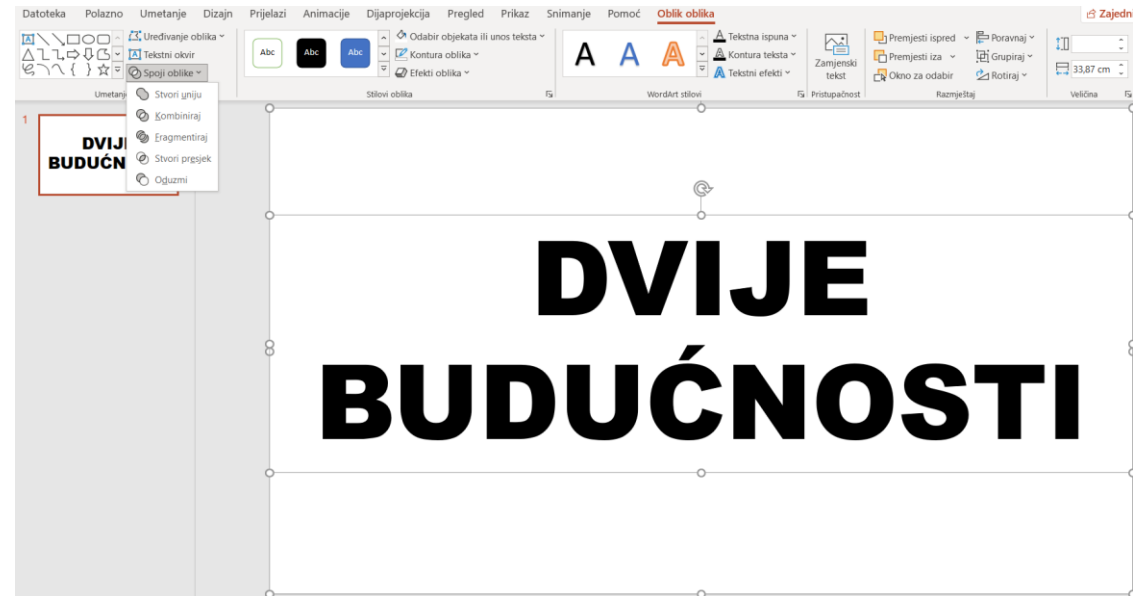


DODAVANJE POZADINE



1

1. Označiti prvo pozadinu te pritisnuti SHIFT pa označiti tekst
2. Spoji oblike i odabrali Oduzmi





UMETANJE SLIKE

1. Umetni sliku dvije_buducnosti.png
2. Sliku povećaj preko cijelog ekrana i više od toga
3. Stavi sliku u pozadinu (premjesti iza)
4. Zatim sliku namjesti
5. Označi dvije budućnosti, zatim stavi konturu tamno zelenu i širinu 6pt
6. I pozadinu promjeni u svjetlo zelenu boju

1



2

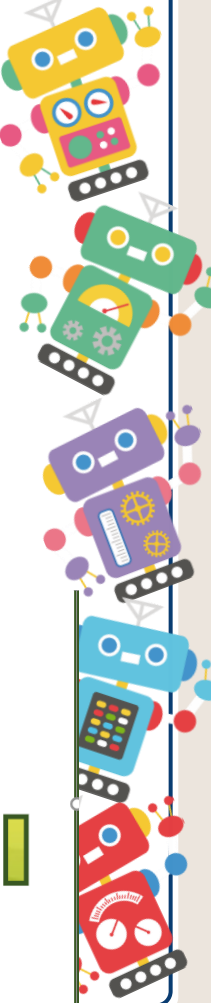
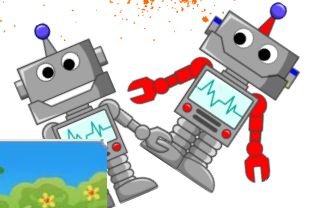


3

**DVIJE
BUDUĆNOSTI**

4

**DVIJE
BUDUĆNOSTI**





UMETANJE SLIKE

1

1. Duplicirati slajd (ctrl +d)
2. Pomaknuti pozadinsku sliku skroz lijevo sa strelicom

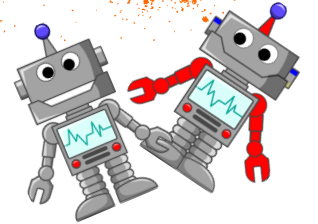
1

DVIJE
BUDUĆNOSTI

2

DVIJE
BUDUĆNOSTI

2

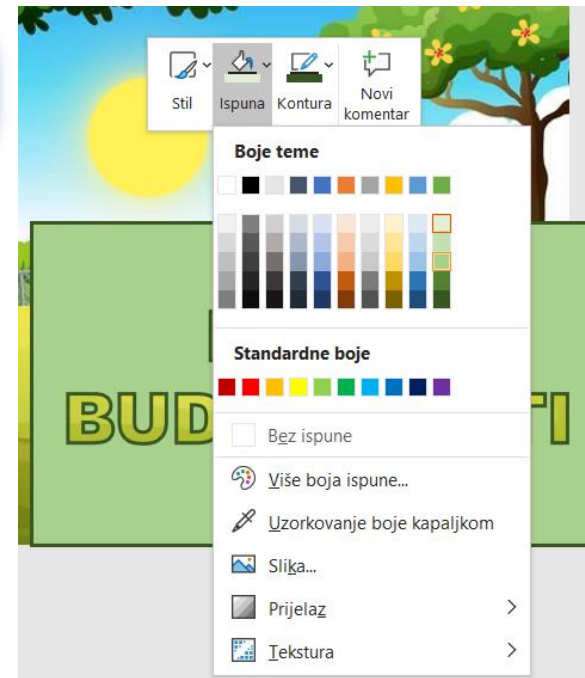




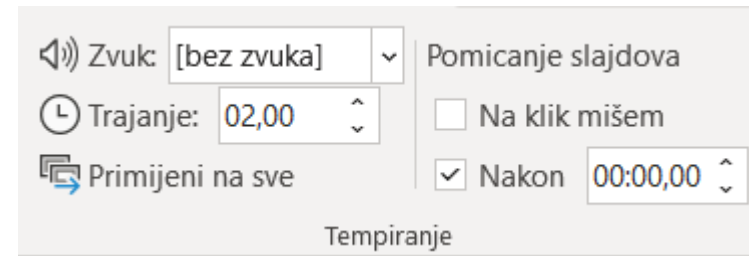
DODAVANJE PRIJELAZA IZOBLIČENJE

1. Na dupliciranom drugom slajdu promijeniti ispunu na tamno zelenu
2. Zatim na drugom slajdu uključiti prijelaz Izobličenje
3. Ugasiti na klik s mišem
4. Staviti nakon 00.00

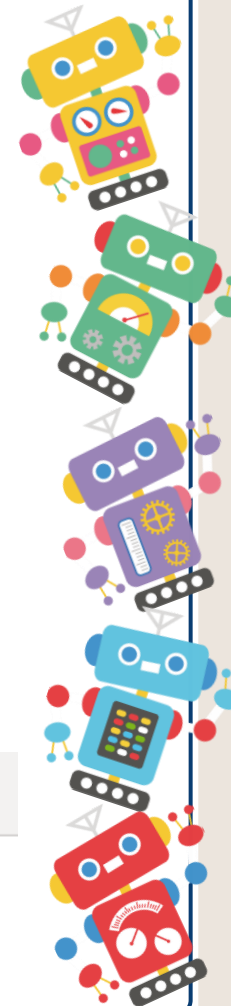
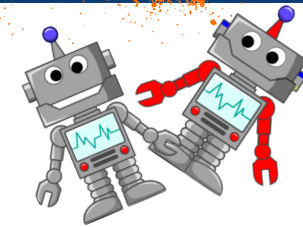
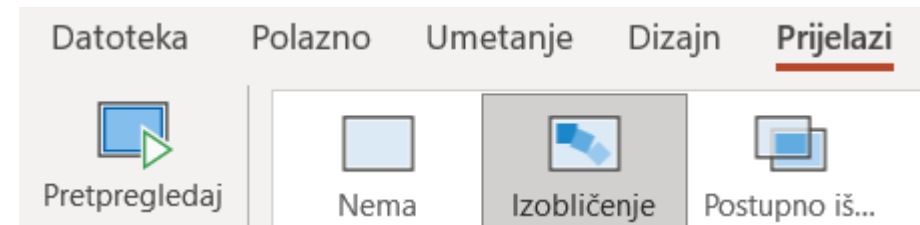
1



2



3

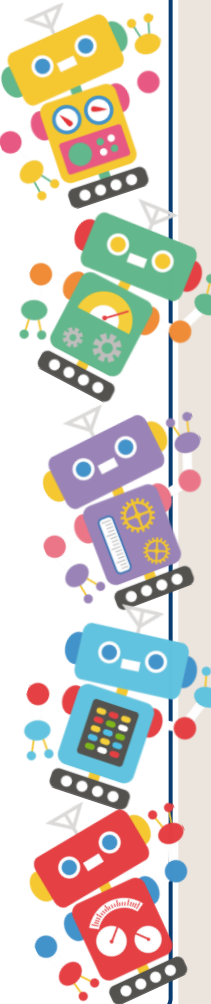
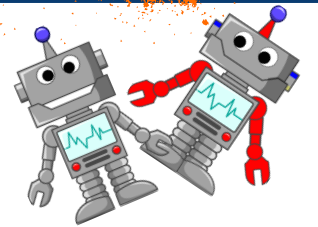
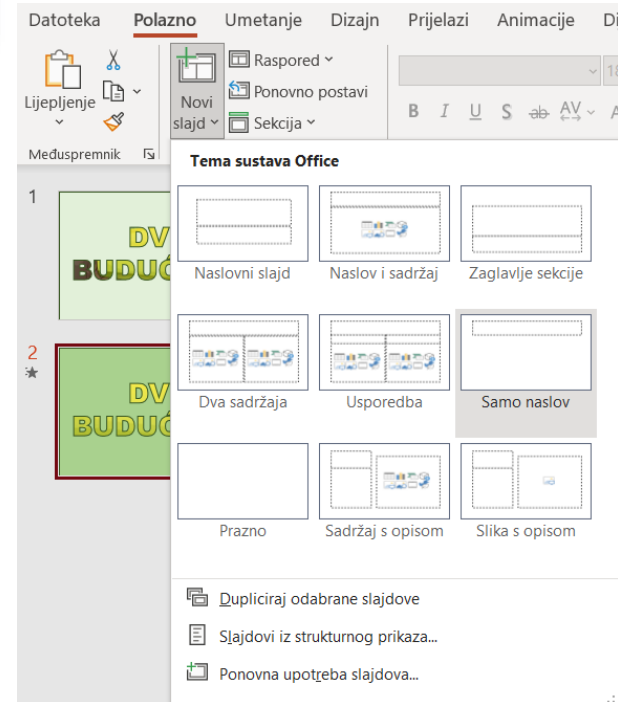




DODAVANJE SLAJDA

1

1. Dodavanje novog (3.) slajda
2. Obrisati tekste okvire

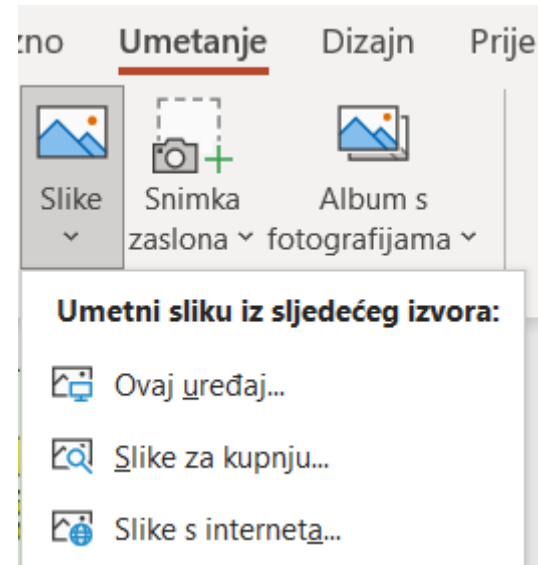




UMETANJE SLIKE

1. Dodavanje na 3. slajd slike „Sadašnjost.png
2. Namjestiti sliku preko cijelog slajda s tim da je gore poravnata sa slajdom
3. Uključiti prijelaz Brisanje
4. Ugasiti na klik s mišem
5. Staviti nakon 0.00

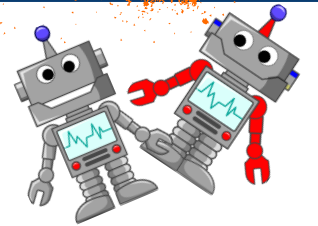
1



2



3





UMETANJE SLIKE

1. Duplicirati slajd 3. i na novom slajdu (broj 4) pomaknut i sliku sa strelicom prema gore
2. Na 4. slajdu uključiti prijelaz Izobličenje
3. Na 4. slajdu pod prijelazi uključiti na klik mišem i uključiti nakon 00:00

1

3
★



4
★



2

Polazno Umetanje Dizajn Prijelazi



Nema



Izobličenje



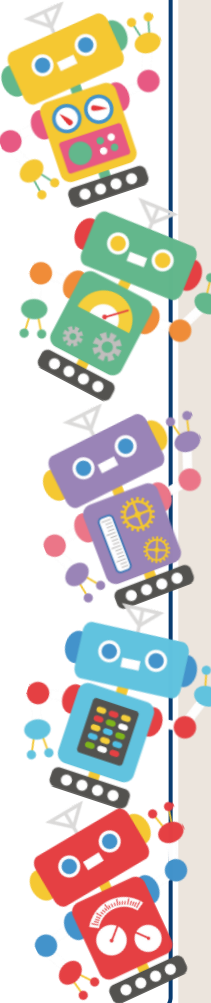
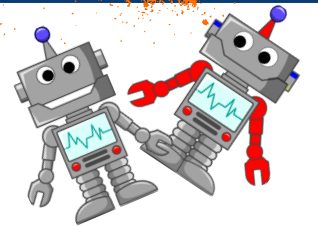
Postupno iš...

3

Pomicanje slajdova

Na klik mišem

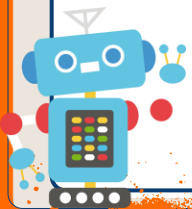
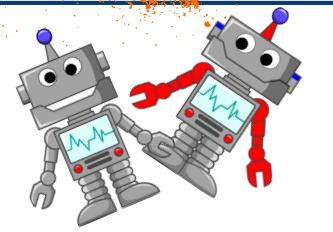
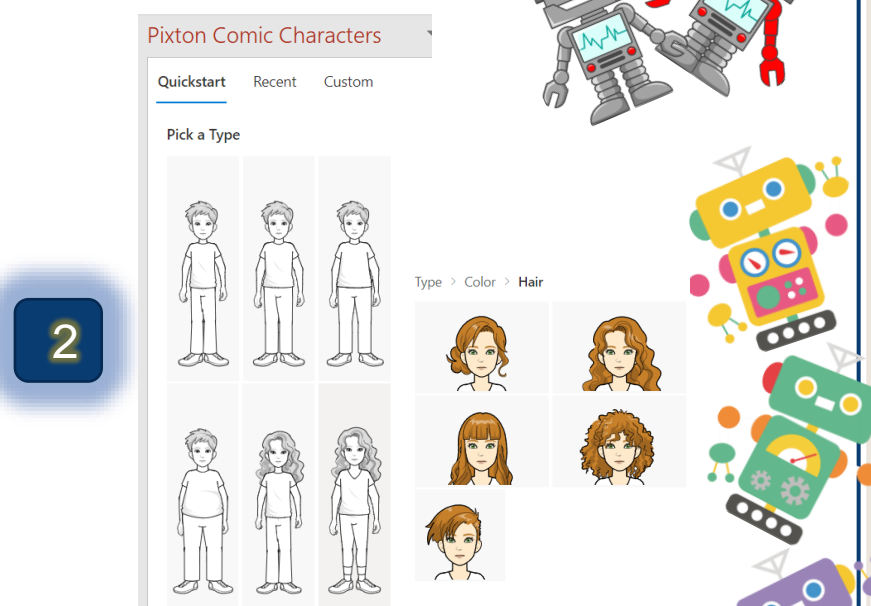
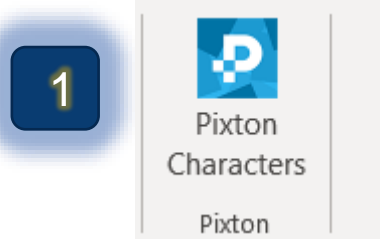
Nakon 00:00,00





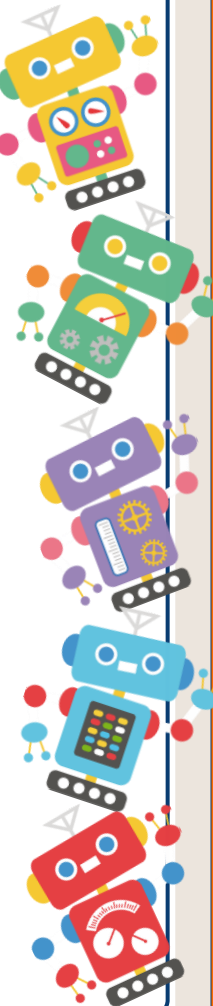
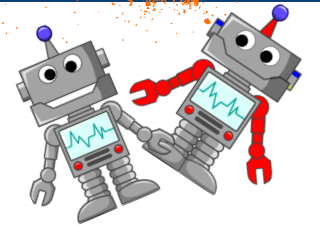
UMETANJE SLIKE

1. Na 4. slajd dodati Pixton likove
2. Na kartici polazno odabrati Pixton dodatak
3. Odabrati dva lika





UMETANJE LIKOVA

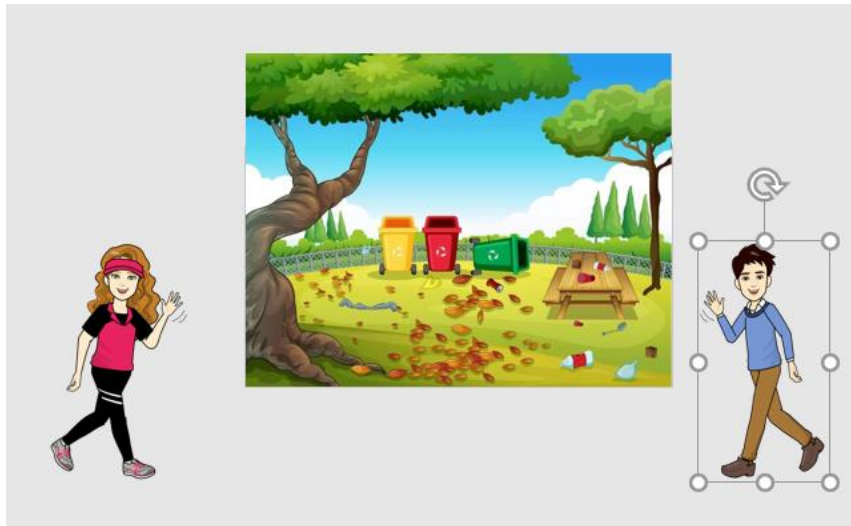


1. Odabrana dva lika staviti izvan slike

1



2





UMETANJE SLIKE

1. Duplicirati slajd 4.
2. Na slajdu 5. pomaknuti likove prema unutra sa strelicom

1

3



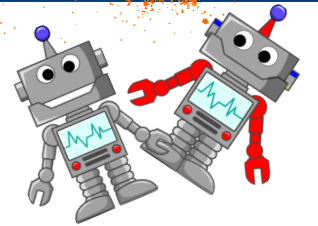
4



5



2





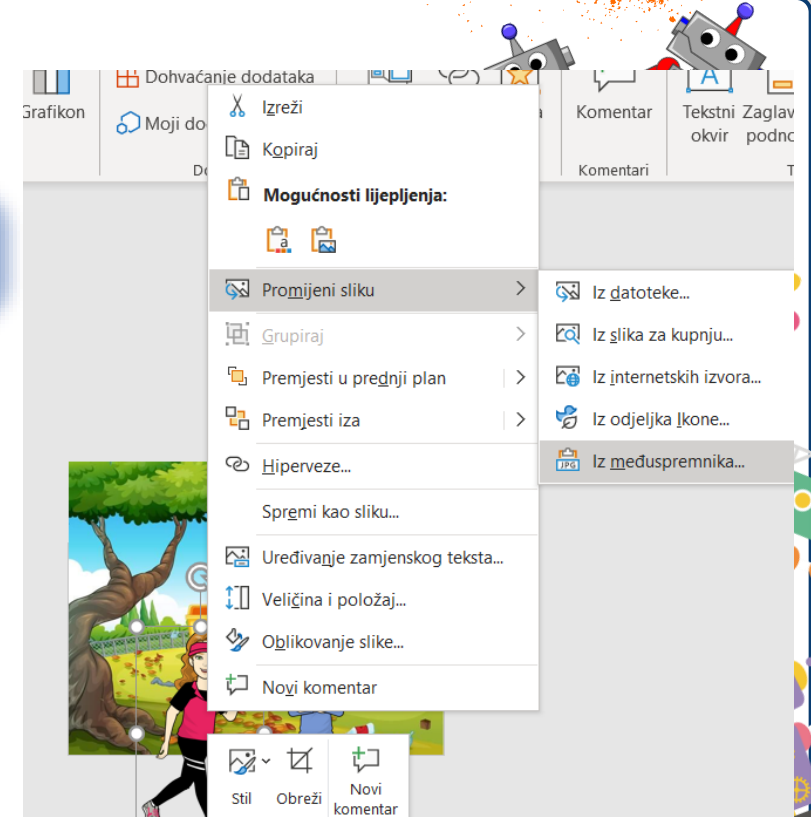
UMETANJE NOVIH LIKOVA

Duplicirati slajd 5.
 Na slajdu 6. promijenimo oblik likova
 Stavimo novi lik
 Kliknemo na novi lik i CTRL+X,
 kliknemo na star i lik, desni klik
 mišem, i promjeni sliku iz
 međuspremnika

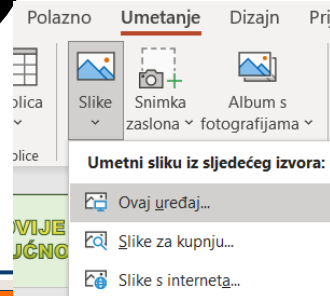
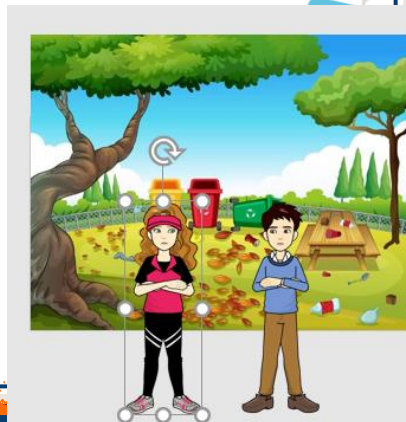
1



2



4

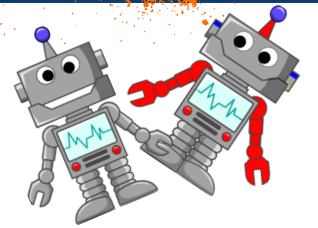
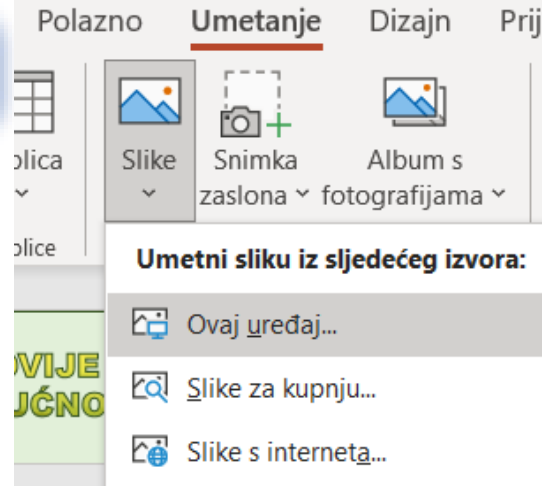




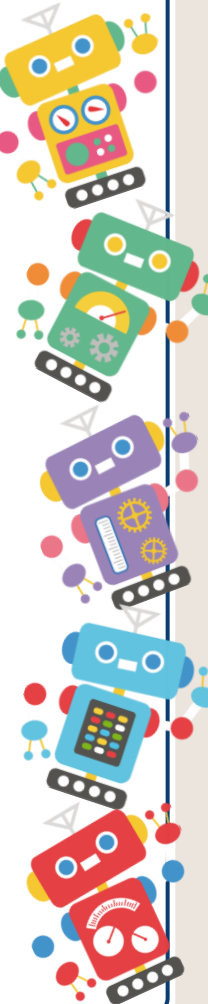
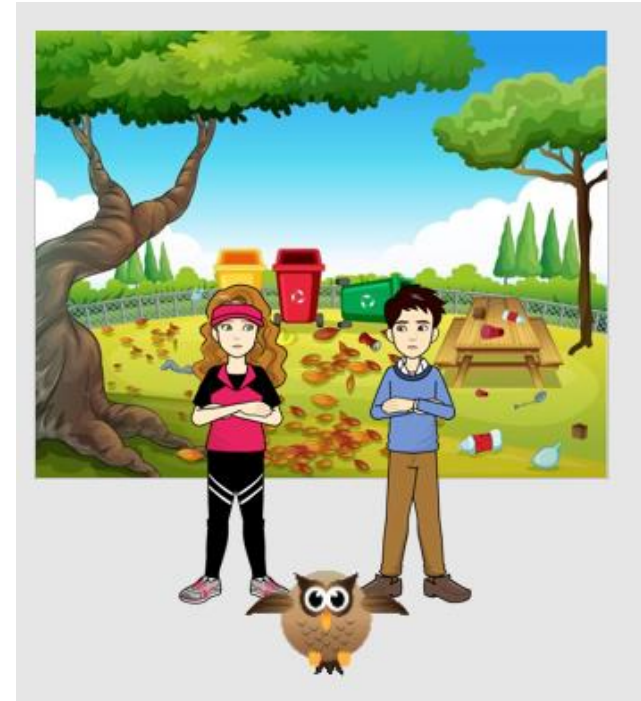
UMETANJE SLIKE

1. Duplicirati slajd 6.
2. Na slajdu 7. dodamo sliku sova-leti.gif
3. Stavimo sovu dolje ispod likova

1



2





DODAVANJE SLIKE

1. Duplicirati slajd 7.
2. Na slajdu 8. sliku sove staviti sa strelicom malo iznad likova

1

6
★



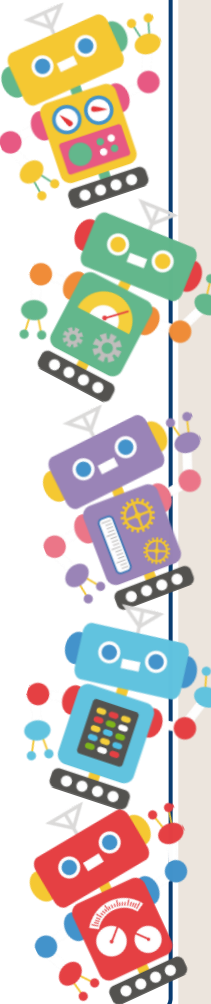
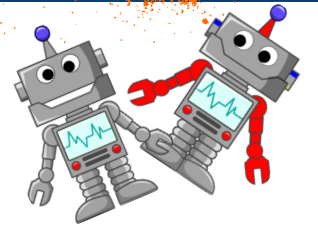
7
★



8
★



2



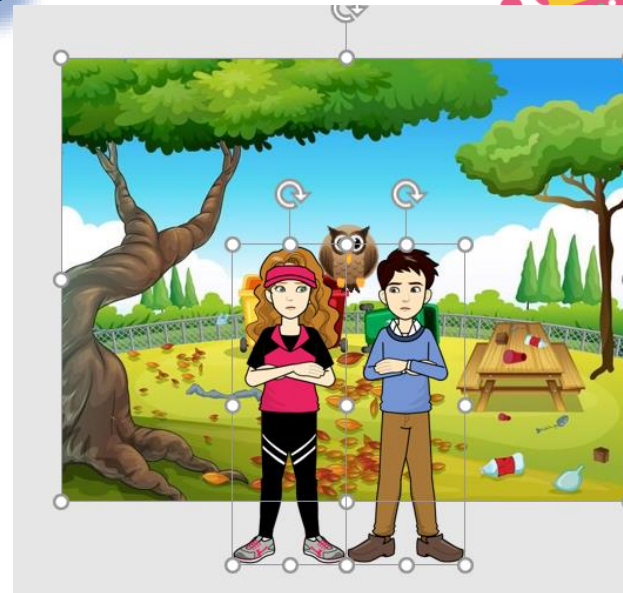


1. Na slajdu 8. označimo pozadinu i likove (ne sovu)
2. Držimo shift i ctrl i povećamo
3. Na 8. slajdu dodamo dvije slike (za pozadinu) cista_buducnost i prljava_buducnost.png

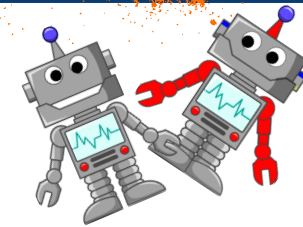
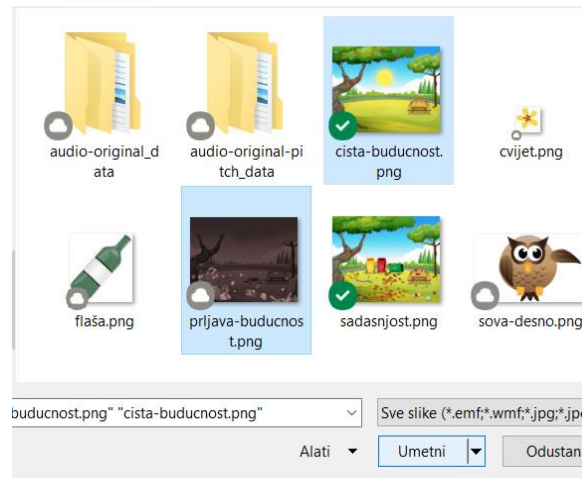
1



2



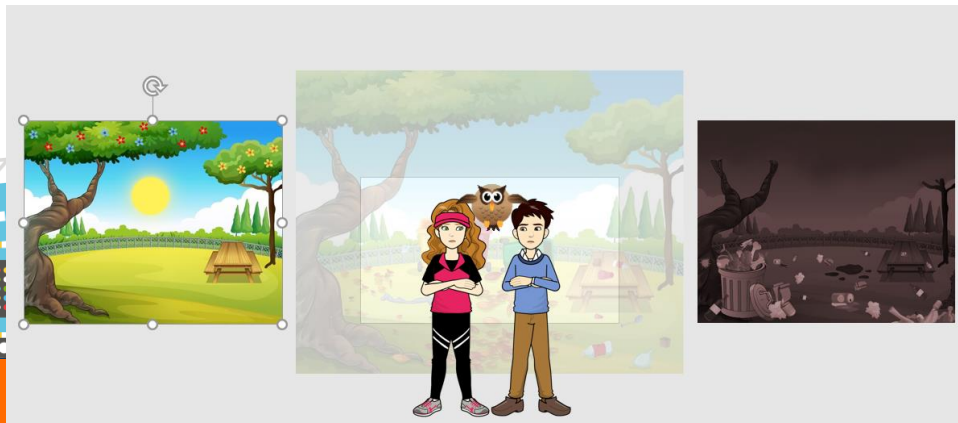
3



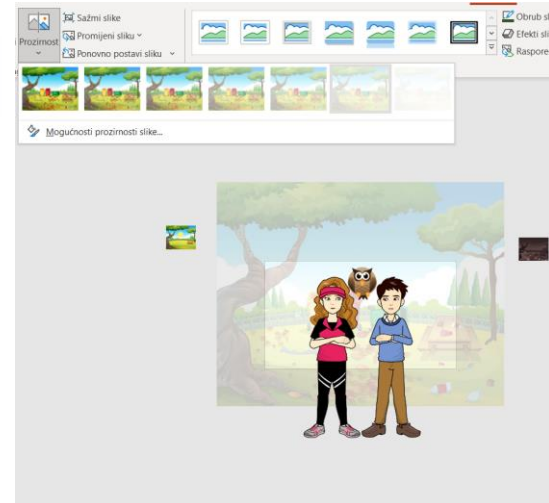
NAMJEŠTANJE SLIKA



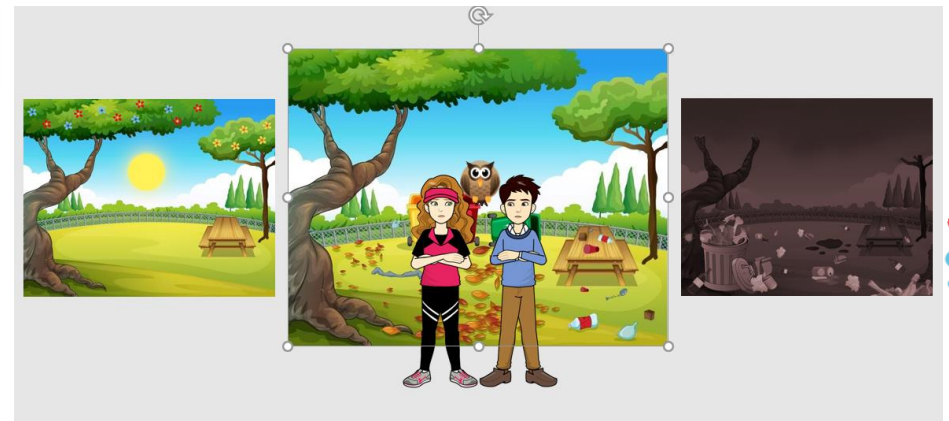
1. Na slajdu 8. svaku sliku stavimo s jedne strane slajda
2. Smanjimo prozirnost
3. Namjestimo da budu iste širine kao i slajd
4. Vratiti prozirnost na početnu



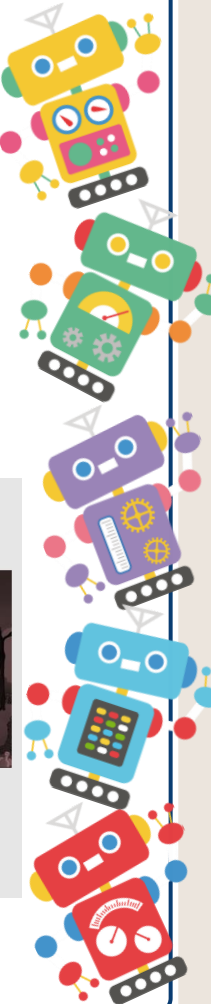
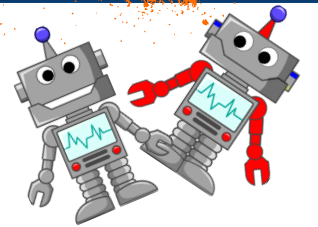
1

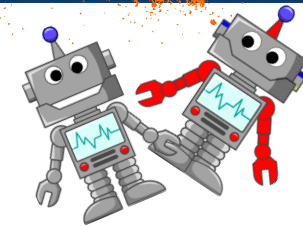


2



3



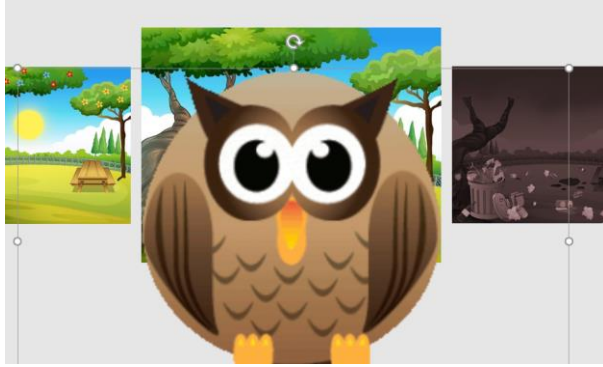


1. Dupliciramo slajd 8.
2. Na slajdu 9. povećati sovu preko cijelog slajda sa (CTRL+SHIFT)

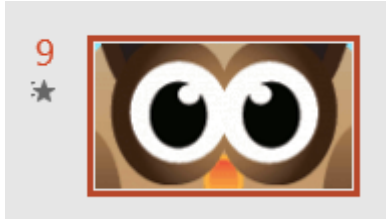
1



2



3





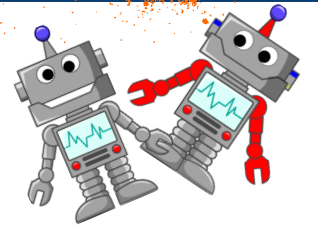
1. Dupliciramo slajd 9.
2. Na slajdu 10. brišemo sovicu, likove I glavnu pozadinu
3. Stavimo sliku prijavu_budućnost.png na sredinu

1

9



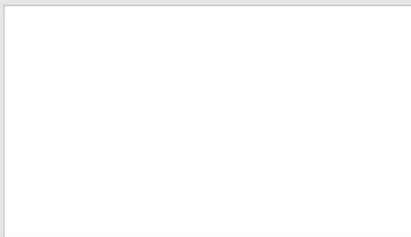
10



2



3





1. Na slajdu 10. stavimo prijelaz Bljesak
2. Dodamo sliku sova-
lijevo.png
3. Povećamo sliku i stavimo ju izvan slajda

1

Izorno Umetanje Dizajn Prijelazi

Suptilno



Nema



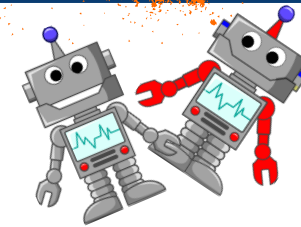
Izobličenje



Postupno iš...



Bljesak



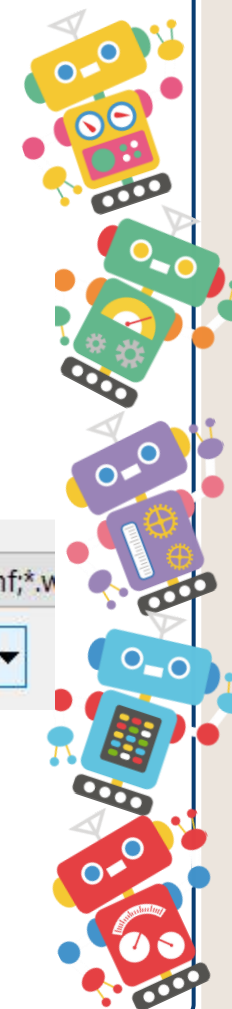
2



sova-lijevo.png



sova-ravno.png



3

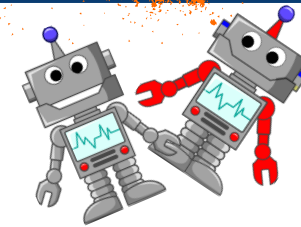
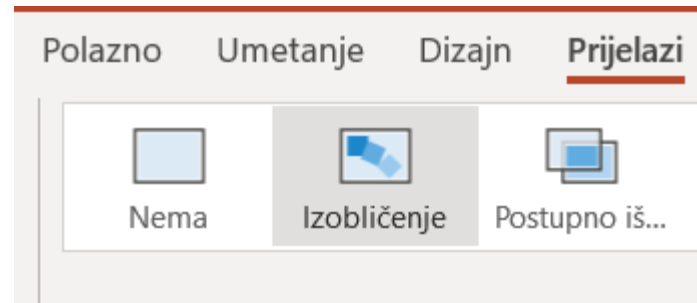




1

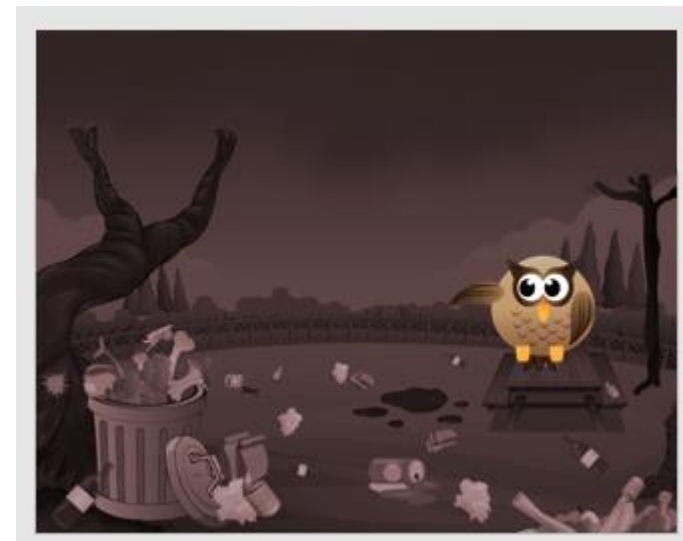


2



1. Dupliciramo slajd 10.
2. Na slajdu 11. promijenimo prijelaz u Izobličenje (skratimo trajanje ga na 0.75) i staviti sovicu na stol

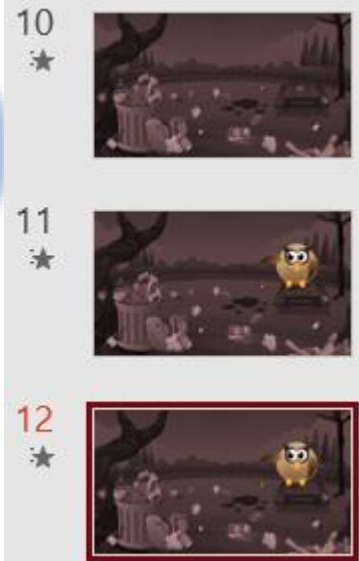
3



1. Dupliciramo slajd 11.
2. Na slajdu 12. brišemo sovicu i pozadinu
3. Pomičemo pozadinu čista budućnost na glavnom slajdu

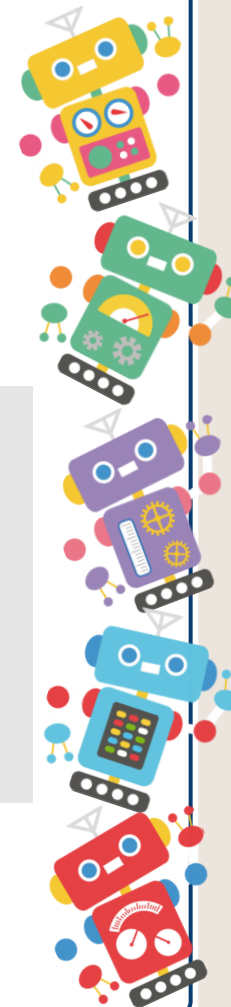
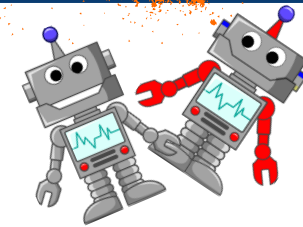
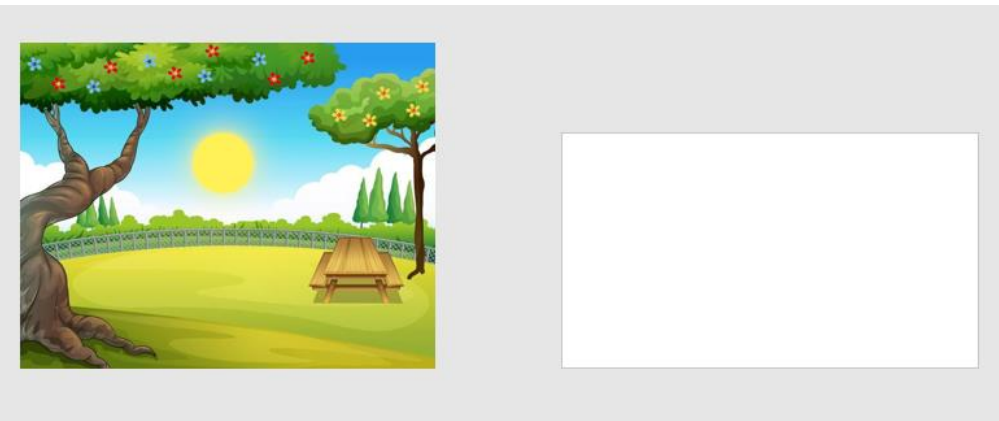


3



1

2



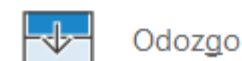
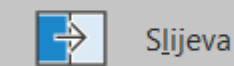
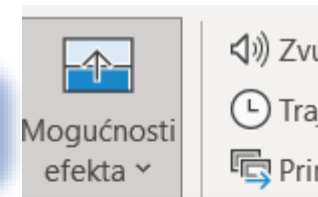


1. Na slajdu 12. dodamo sliku sova-desno.png
2. Sovu stavimo na drvo
3. Sovu malo povećamo
4. Odaberemo prijelaz Guranje, efekt s lijeva

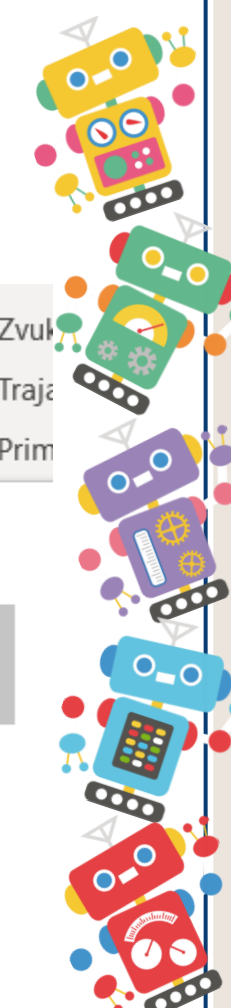
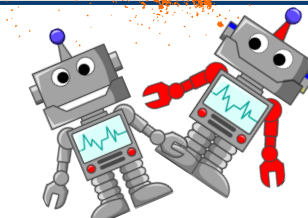
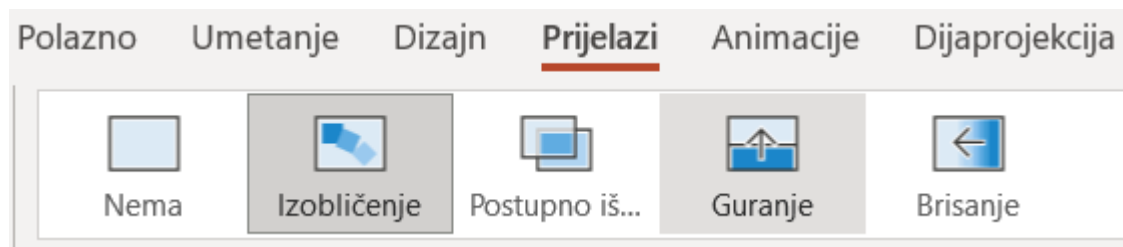
1

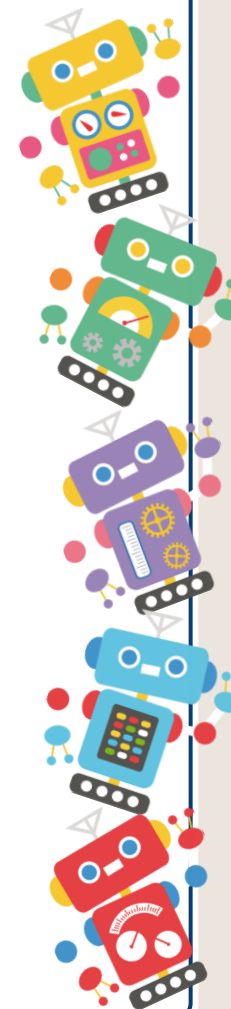
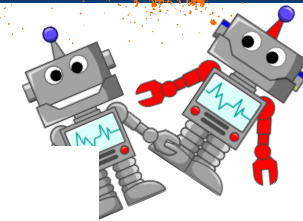


3



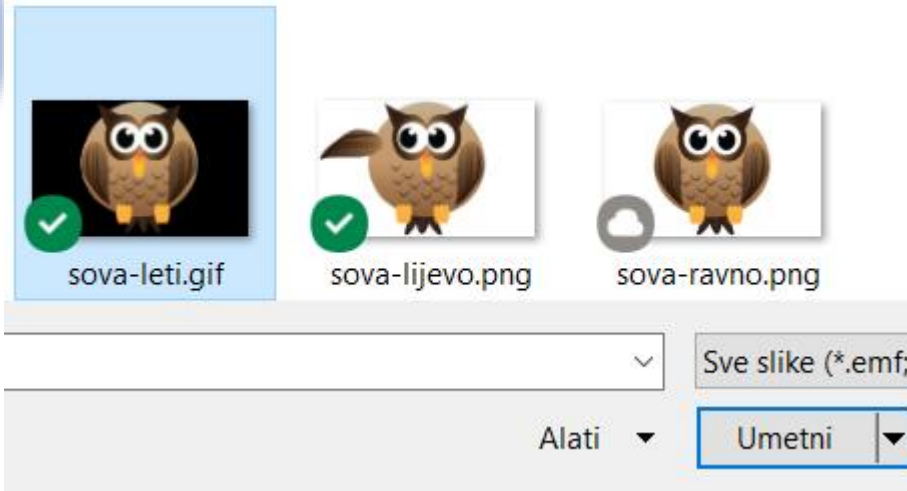
2



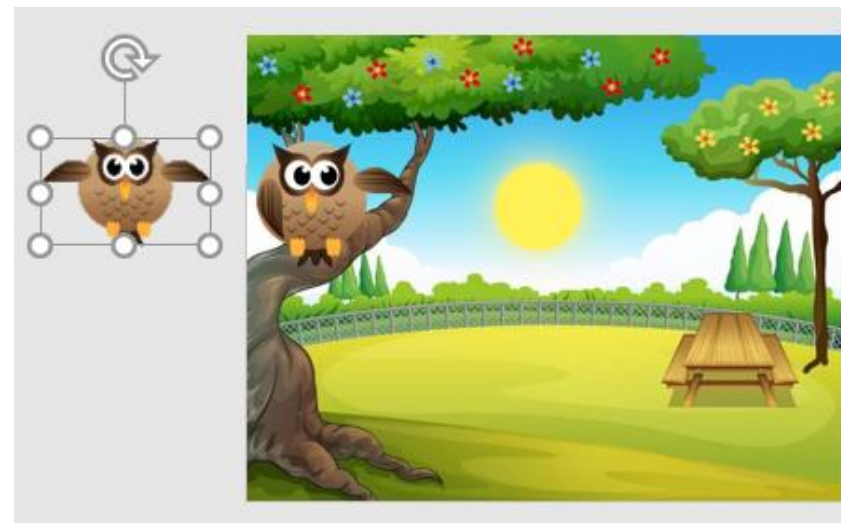


1. Na slajdu 12. dodamo sliku sova-leti.gif
2. Sovu stavimo izvan slajda

1



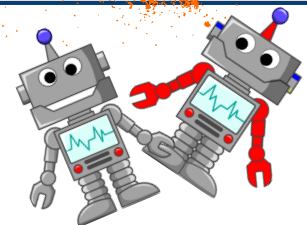
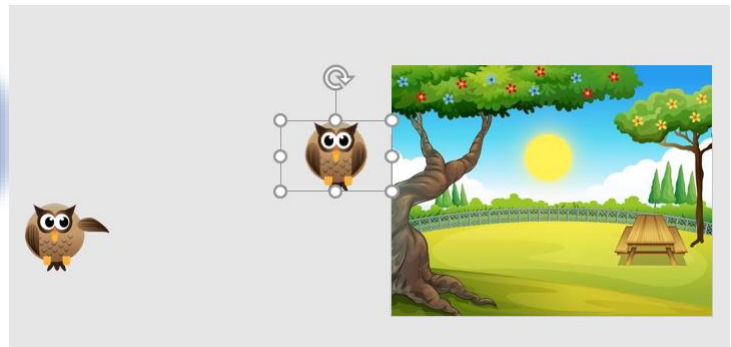
2



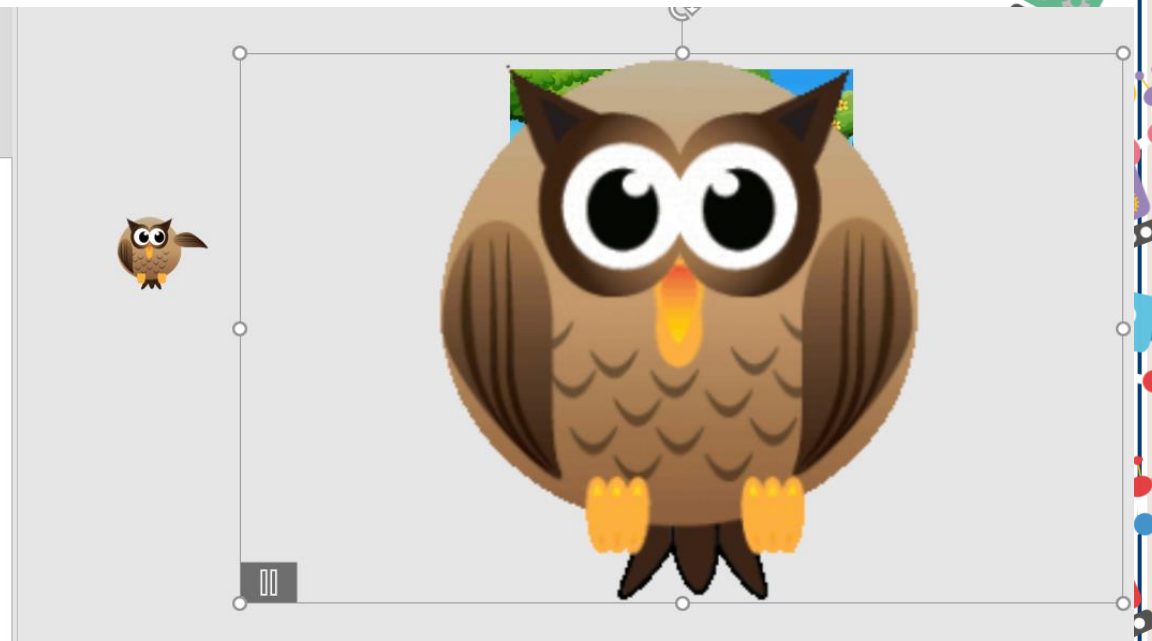
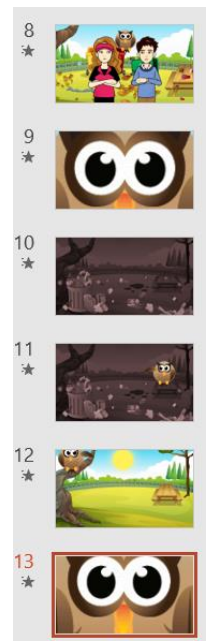


1. Dupliciramo slajd 12.
2. Na slajdu 13. sovu s drveta maknemo van slajda
3. Novu sovu na sredinu slajda i povećamo što više

1

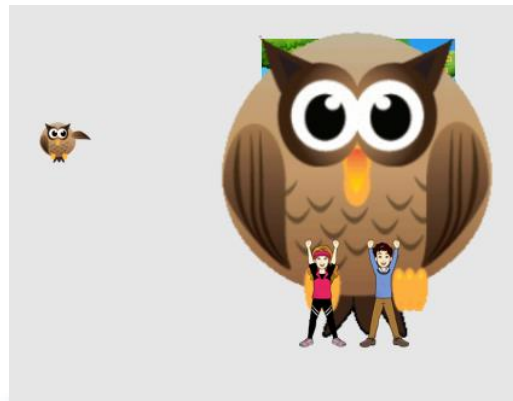


2

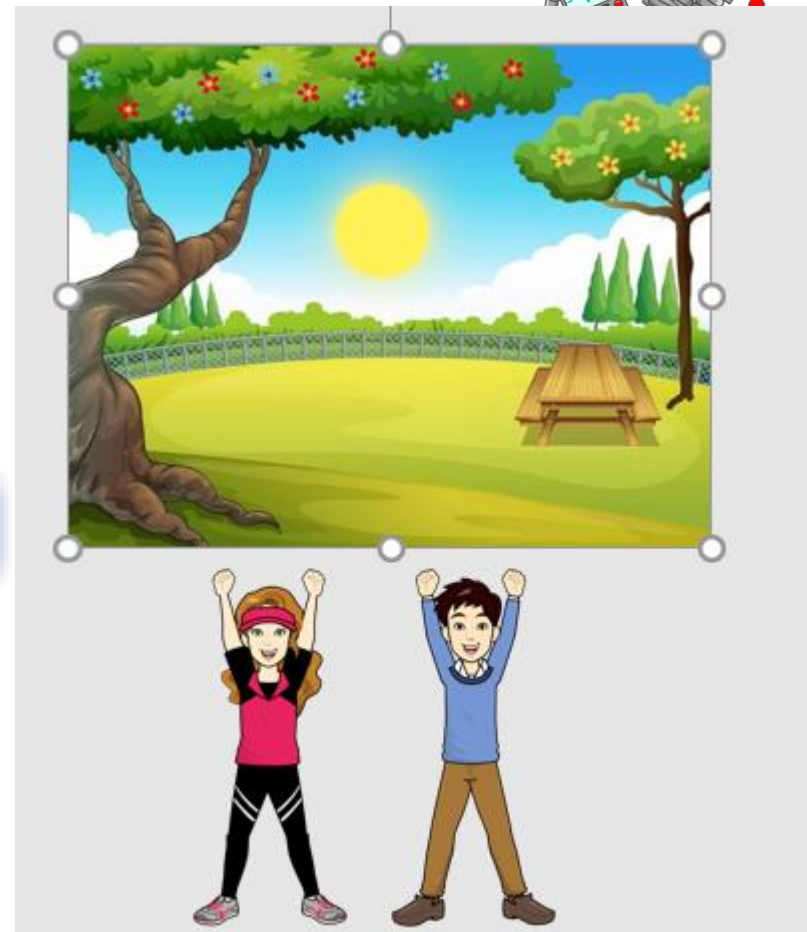


1. Na slajdu 13. ispod sovica, da se ne vidi na slajdu dodamo sretne likove
2. Na slajdu 13. staviti prijelaz Izobličenje

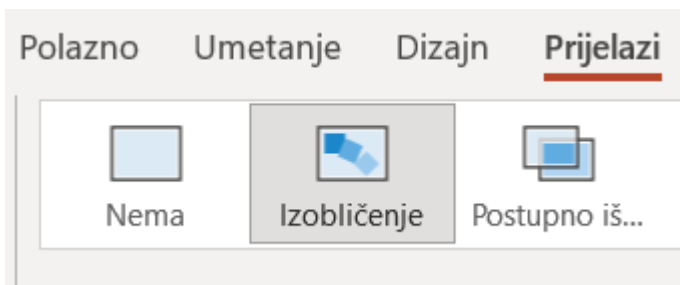
1



3



2



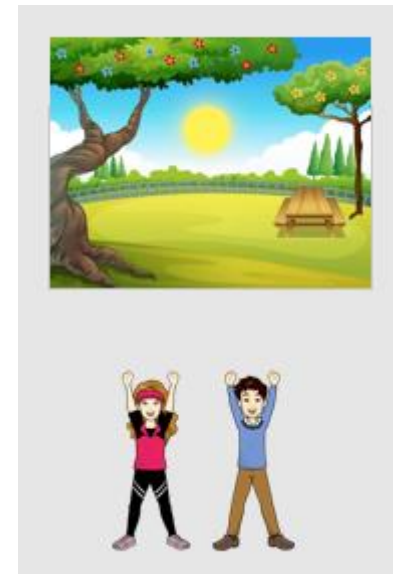


1. Dupliciramo slajd 13.
2. Na slajdu 14. obrišemo obje sovice
3. Pod prijelaz stavimo Bljesak
Pozadinu pomaknuti koliko ide dolje da ostane na slajdu

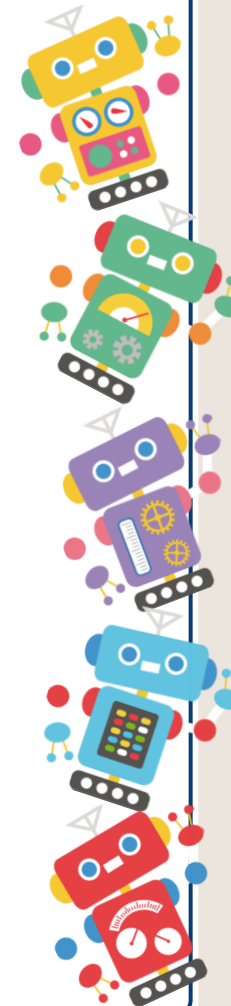
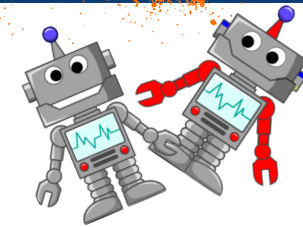
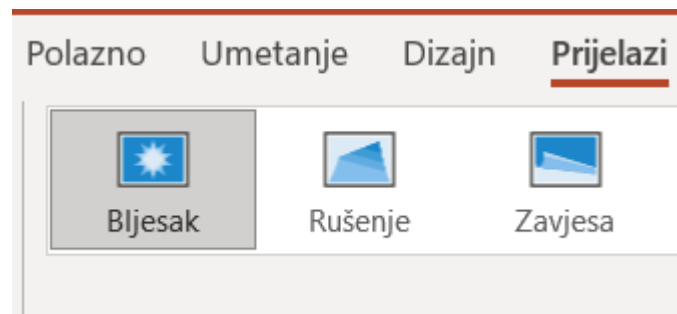
1

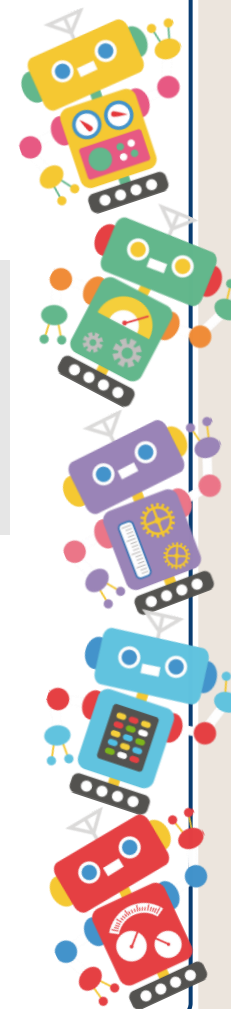
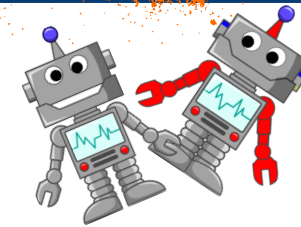


3



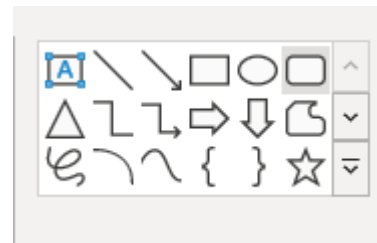
2



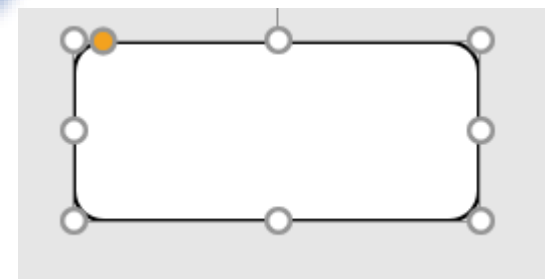


1. Na slajdu 14. dodamo oblik oblog pravokutnika
2. Stavimo pravokutniku:
3. Kontura crna
4. Širina konture 6x
5. Ispuna bijela
6. Dodamo tekst „**SVAKI DAN JE DAN PLANETA ZEMLJE**”

1



2

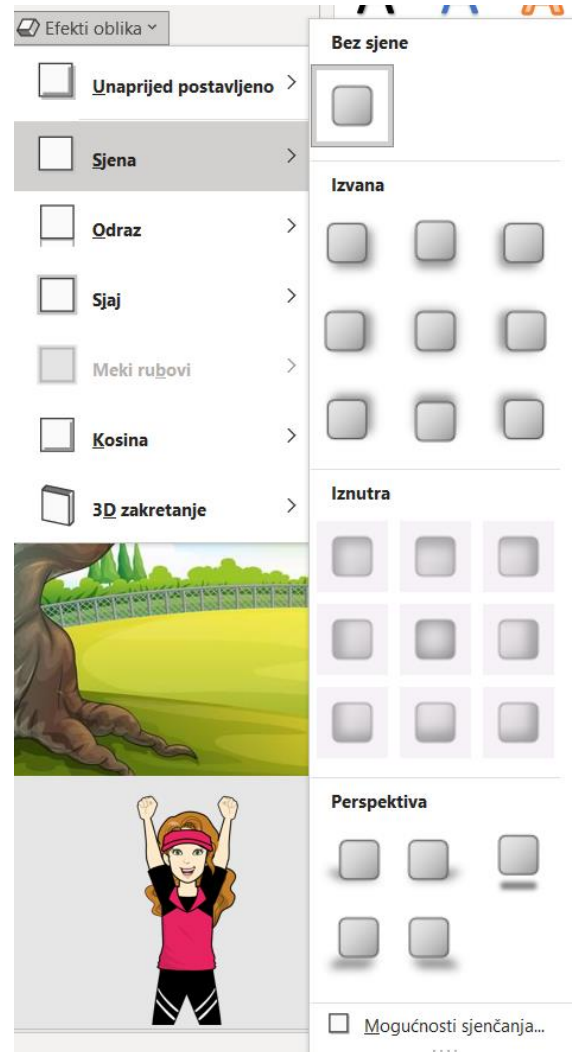


3

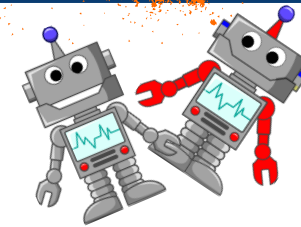
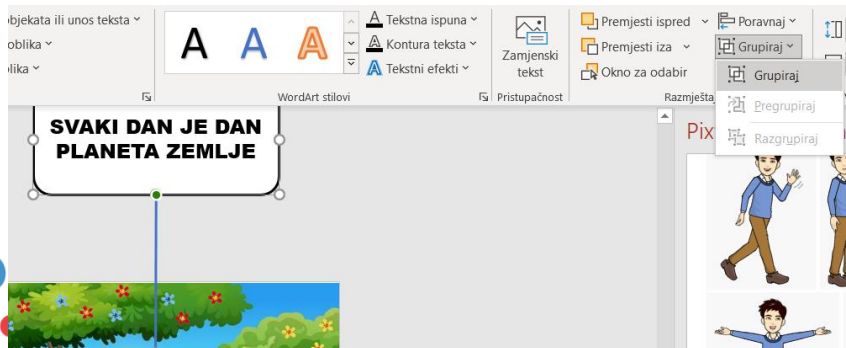


1. Na slajdu 14. dodati još crtu
2. Grupirati oblike
3. Dodati na grupirani objekt sjenu Prespektiva, desno

2

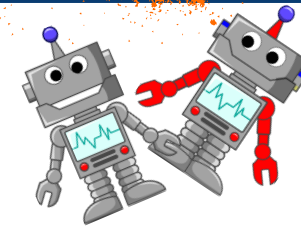


1

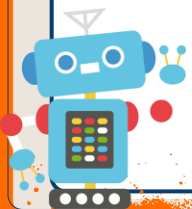
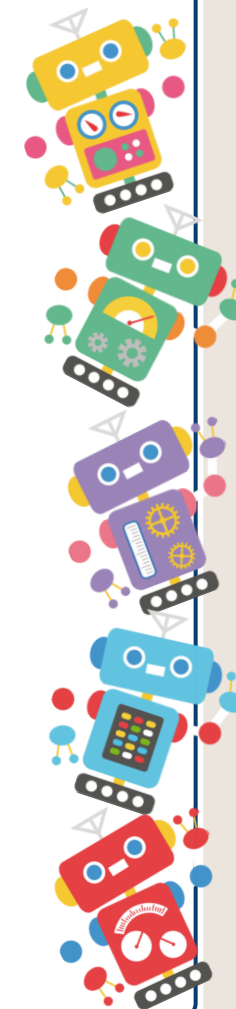
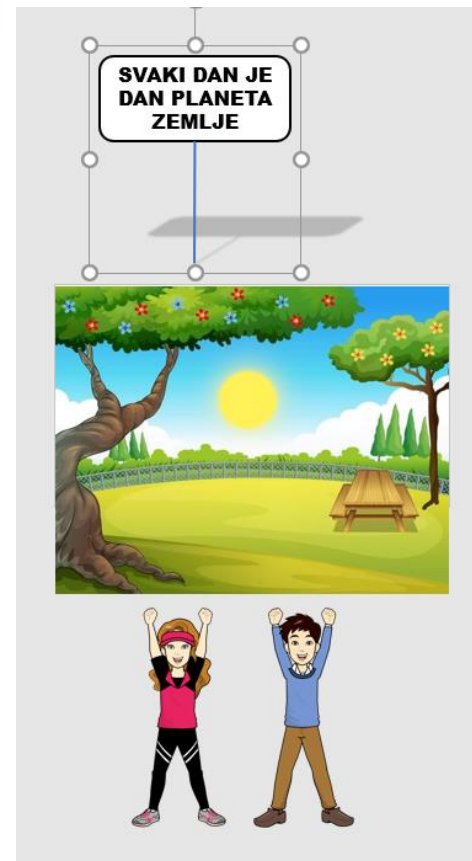




1



1. Na slajdu 14. dodati još crtu
2. I grupirati oblike
3. Dodati na grupirani objekt sjenu
Prespektiva, desno
4. I zatim ga dignemo iznad slike





1

14
★



2

15
★



1. Dupliciramo slajd 14.
2. Na slajdu 15. stavimo prijelaz Izobličenje
3. Pomaknuti likove i objekt sa strelicama unutar slajd
4. Staviti likove u prednji plan
5. Pod prijelaz stavimo nakon 10 trajanje



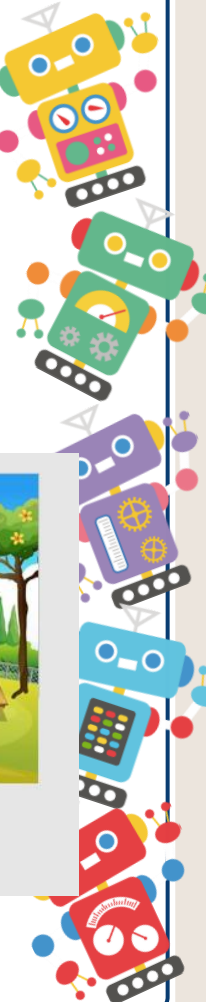
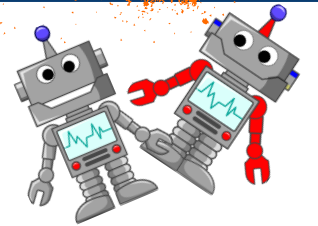
3

4

Pomicanje slajdova

Na klik mišem

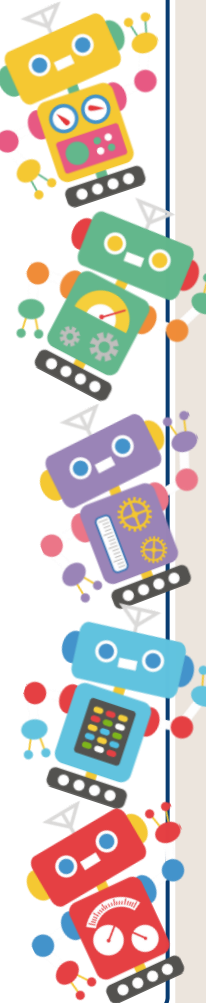
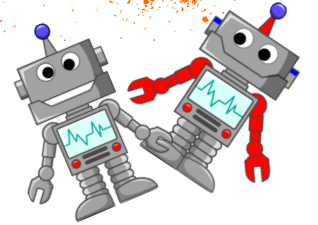
Nakon 00:10,00



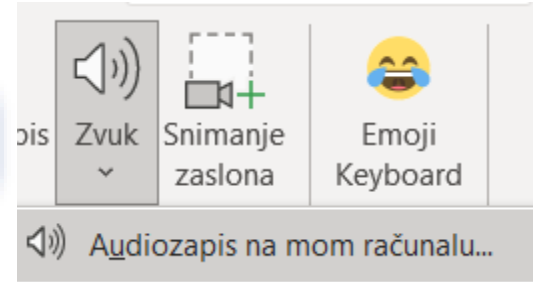


ZVUKOVI

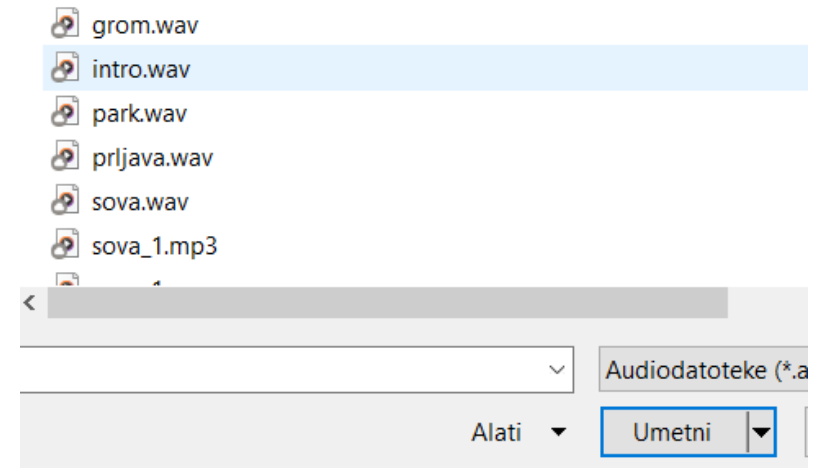
1. Slajd 1. dodamo zvuk intro.wav
2. Početak automatski, reproduciraj na svim slajdovima



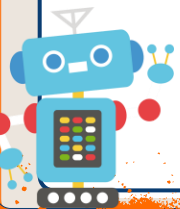
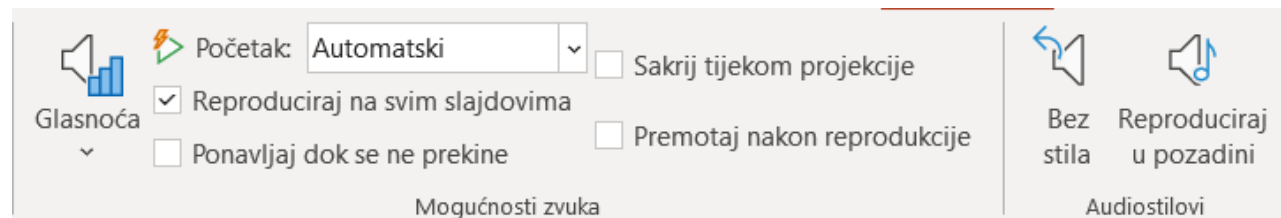
1



2



3

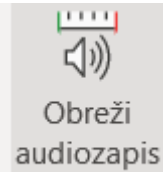




ZVUKOVI

1. Slajd 1. dodamo zvuk intro.wav
2. Početak automatski, reproduciraj na svim slajdovima
3. Obrezati zvuk na 4. sekunde
4. Postaviti postupno pojavljivanje i postupno iščezavanje

1



2

Obrezivanje audiozapisa

intro Trajanje: 00:04,143

00:04,143

00:00 00:04,143

Vrijeme početka Vrijeme završetka

U redu Odustani

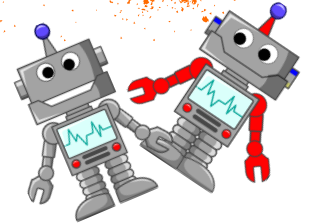
3

Trajanje iščezavanja

Postupno pojavljivanje: 01,50

Postupno iščezavanje: 00,50

Uređivanje

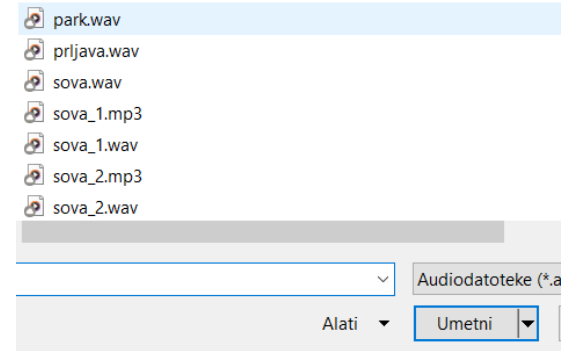




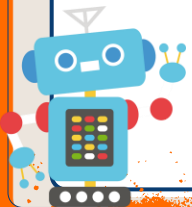
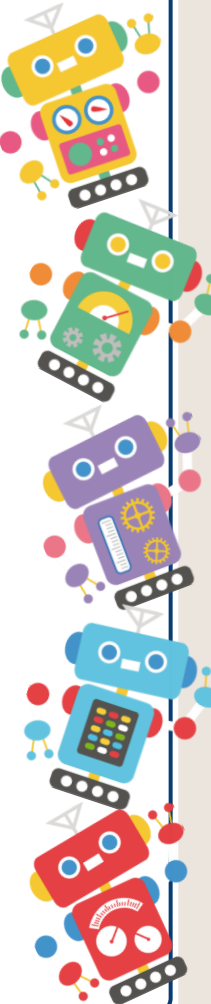
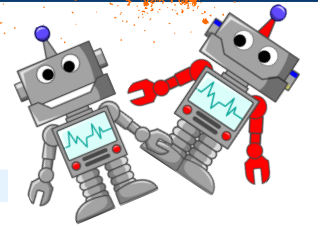
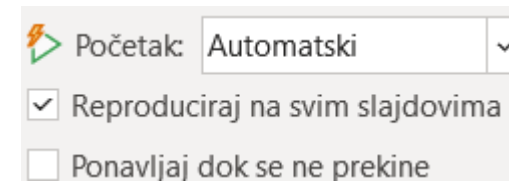
ZVUKOVI

1. Na slajd 3. dodamo zvuk park.wav
2. Početak automatski, reproduciraj na svim slajdovima

1



2





ZVUKOVI

1. Pod animacijama uključiti animacijsko okno
2. Mogućnosti efekta postaviti opciju - zaustavi reprodukciju nakon 6 slajdova

1

Animacijsko ...

▶ Reproduciraj od mjesta

0 ▶ park ▶

Pokreni prilikom klica

Započni s prethodnim

Započni nakon prethodnog

Mogućnosti efekta...

Vrijeme...

Sakrij naprednu vremensku traku

Ukloni

2

Efekt Tempiranje

Započni reprodukciju

Od početka

Od posljednjeg mjesta

Od vremena: [] s

Zaustavi reprodukciju

Na klik

Nakon trenutnog slajda

Nakon: [6] slajdova

3

Trajanje iščezavanja

Postupno pojavljivanje: 01,50

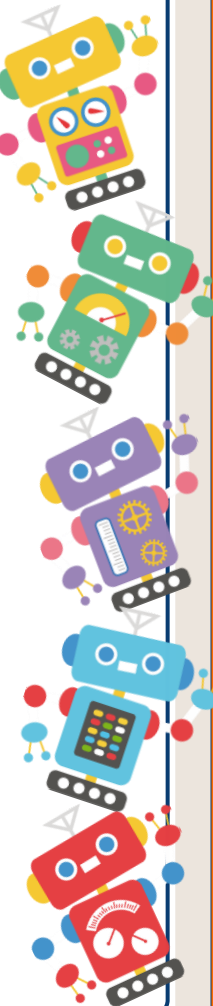
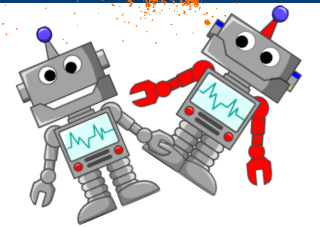
Postupno iščezavanje: 00,50

Uređivanje



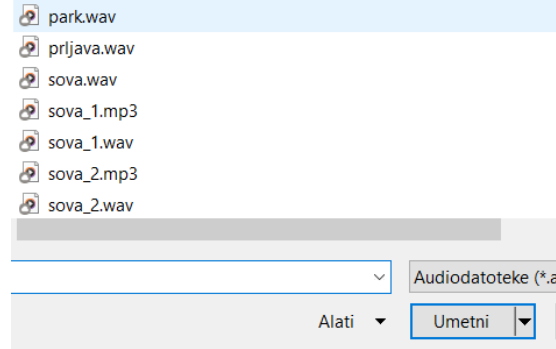


ZVUKOVI

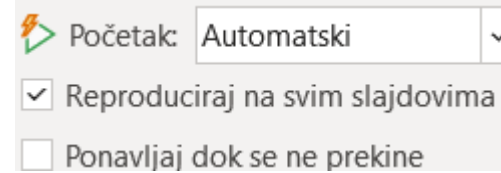


1. Na slajd 9. dodamo zvuk grom.wav
2. Početak automatski, reproduciraj na svim slajdovima

1

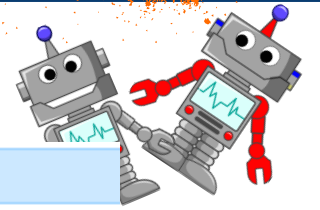


2





ZVUKOVI



1. Na slajd 10. dodamo zvuk prljava.wav
2. Početak automatski, reproduciraj na svim slajdovima

1

prljava.wav
sova.wav
sova_1.mp3

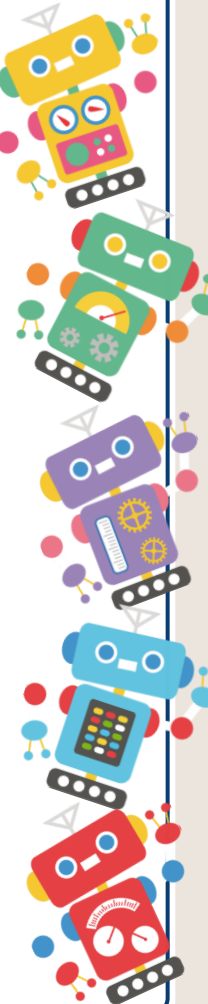
Audiodatoteke (P)

Alati ▾

Umetni ▾

2

Početak: Automatski ▾
 Reproduciraj na svim slajdovima
 Ponavljaj dok se ne prekine





ZVUKOVI

1. Na slajd 12. dodamo zvuk cisto.wav
2. Početak automatski, reproduciraj na svim slajdovima
3. Stišati ga
4. Obrezati na 4 sekunde
5. Postaviti postupno pojavljivanje i postupno iščezavanje

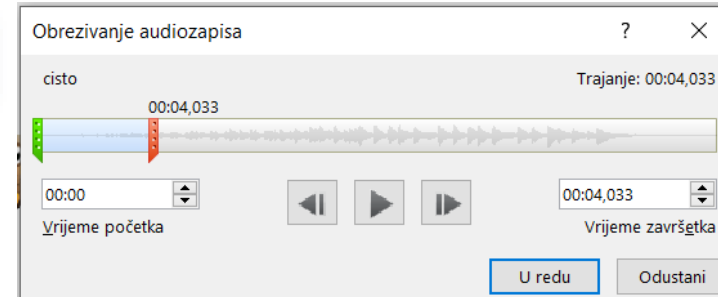
1

cisto.wav
grom.wav

2

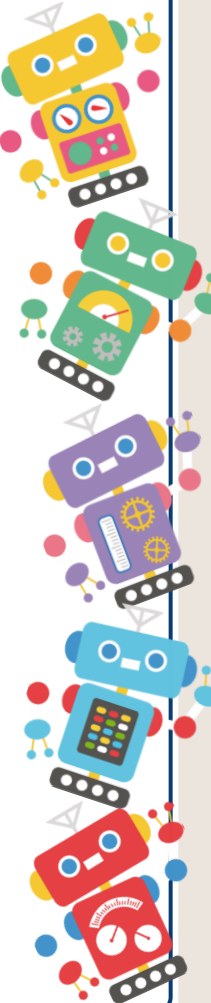
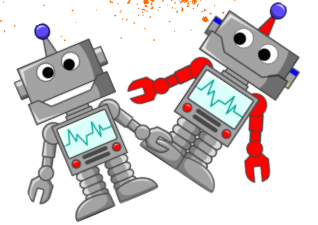
Početak: Automatski
 Reproduciraj na svim slajdovima
 Ponavljaj dok se ne prekine

3



4

Trajanje iščezavanja
Postupno pojavljivanje: 01,50
Postupno iščezavanje: 01,50
Uređivanje

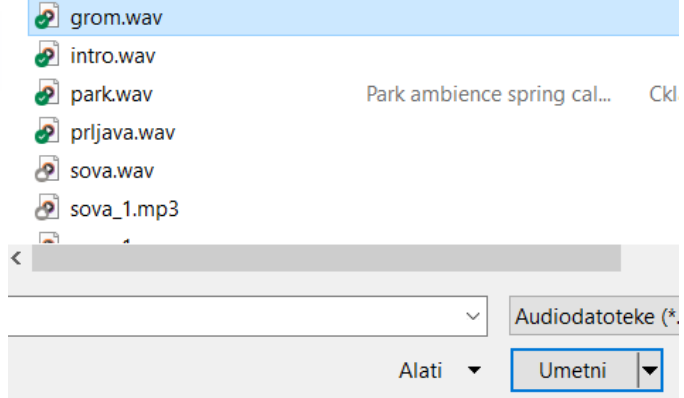




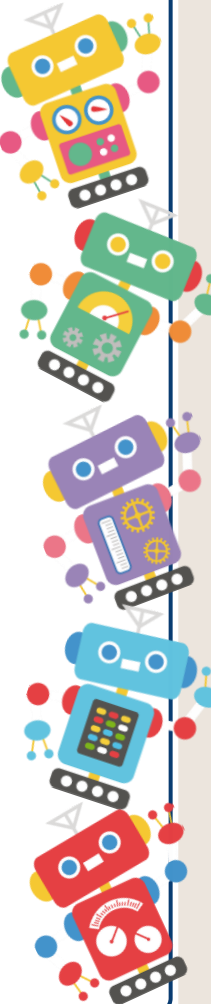
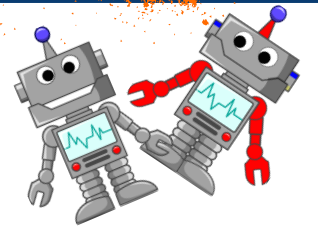
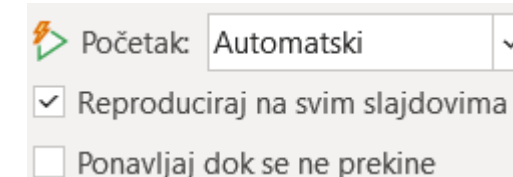
ZVUKOVI

1. Na slajd 13. dodamo zvuk grom.wav
2. Početak automatski, reproduciraj na svim slajdovima

1



2

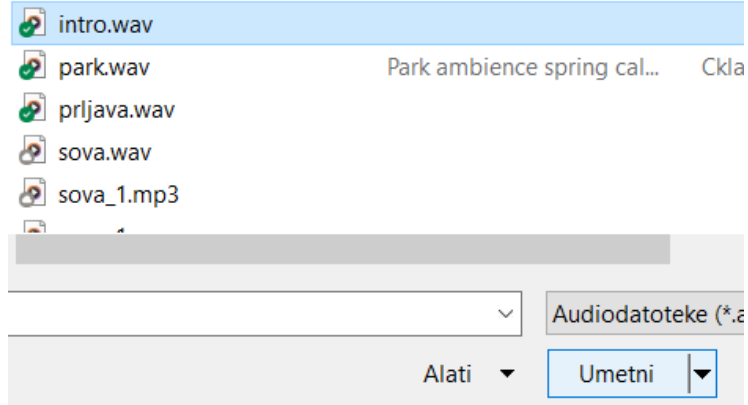




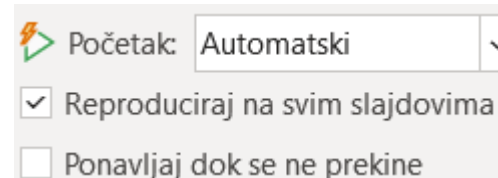
ZVUKOVI

1. Na slajd 14. dodamo zvuk intro.wav
2. Početak automatski, reproduciraj na svim slajdovima
3. Postaviti postupno pojavljivanje i postupno iščezavanje

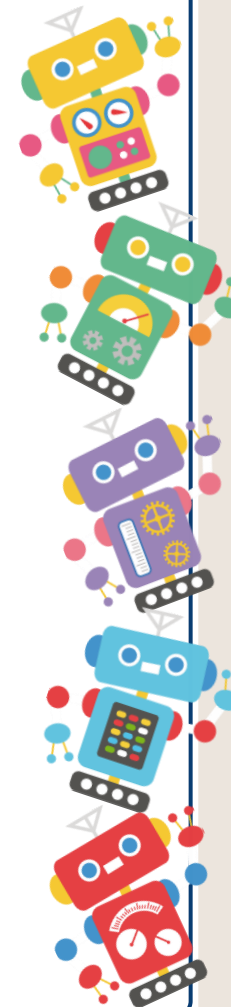
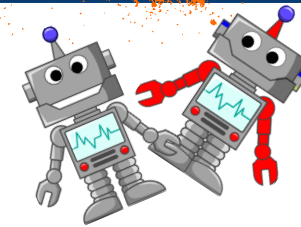
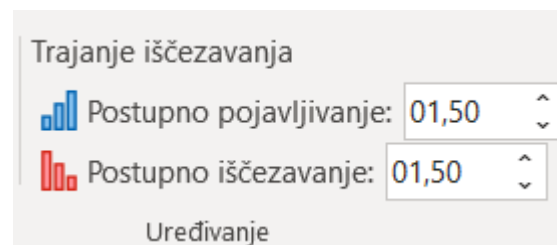
1



2



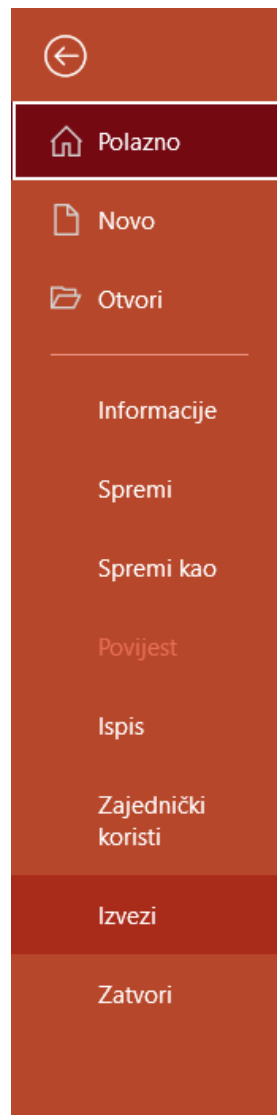
3





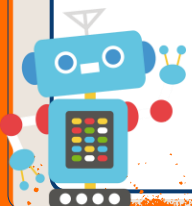
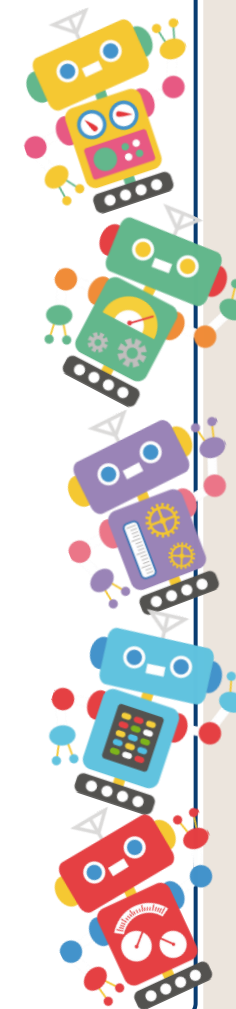
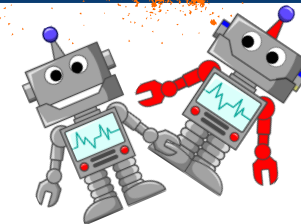
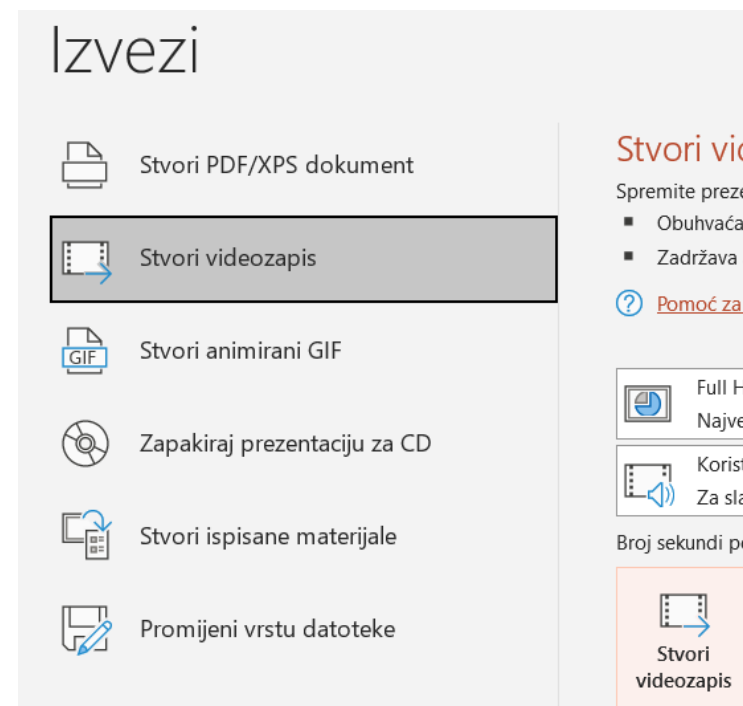
VIDEOZAPIS

1. Pod datoteka
idi na izvezi
2. Odaberi
naredbu
Stvori
videozapis



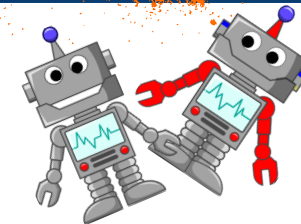
1

2





ZAHVALE

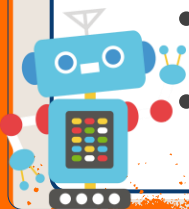


Slike

- **Matt Cole** - <https://es.vecteezy.com/arte-vectorial/444181-antes-y-despues-del-jardin-limpio>
- **AdebGameSoft** - <https://opengameart.org/content/owl-cartoon-style#>

Zvukovi

- **klankbeeld** - <https://freesound.org/people/klankbeeld/sounds/620596/>
- **hokstnator** - <https://freesound.org/people/hokstnator/sounds/151189/>
- **SergeQuadrado** - <https://freesound.org/people/SergeQuadrado/sounds/545908/>
- **AudioCoffee** - <https://freesound.org/people/AudioCoffee/sounds/710875/>
- **Setuniman** - <https://freesound.org/people/Setuniman/sounds/466655/>





Hvala

Marinela Schatten
Helena Lacko



Hvala

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