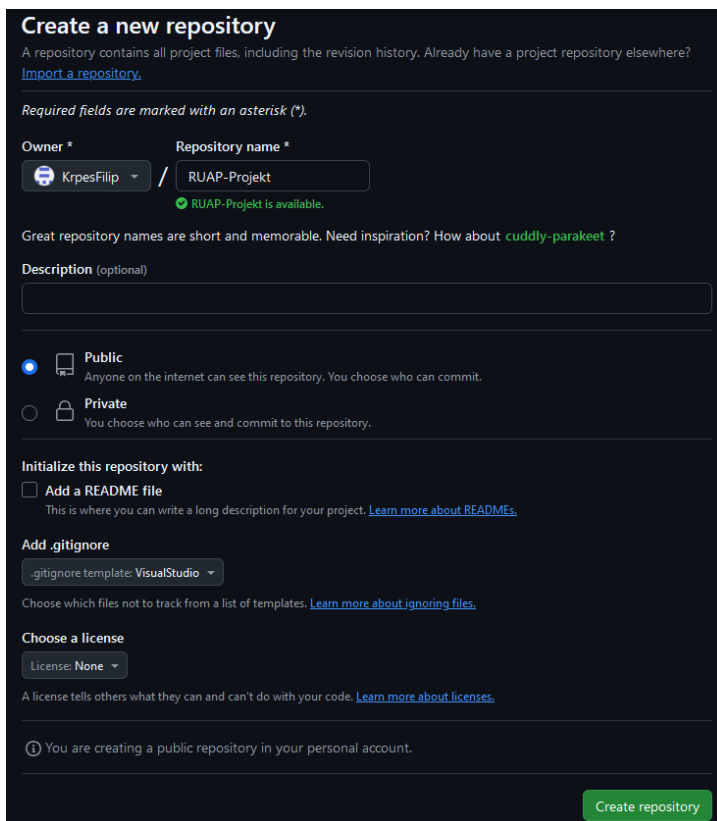


Ruap-LV 1 Verzioniranje koda

Filip Krpes

1. Zad.


Kreiranje repozitorija s gitignore file-om za visual studio.




Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)


Required fields are marked with an asterisk (*).


Owner *  KrpesFilip / Repository name *

 RUAP-Projekt is available.

Great repository names are short and memorable. Need inspiration? How about [cuddly-parakeet](#) ?

Description (optional)

☒  **Public**
Anyone on the internet can see this repository. You choose who can commit.

☐  **Private**
You choose who can see and commit to this repository.

Initialize this repository with:


☐ Add a README file
This is where you can write a long description for your project. [Learn more about READMEs.](#)

Add .gitignore

Choose which files not to track from a list of templates. [Learn more about ignoring files.](#)

Choose a license

A license tells others what they can and can't do with your code. [Learn more about licenses.](#)

 You are creating a public repository in your personal account.

[Create repository](#)

Nakon kreiranja repozitorija u command line-u na lokalnom računalu sam prešao na folder u kojega ću klonirati repozitorij komandom git clone. Te sam provjerio dali je kloniranje bilo uspješno s git status.

```
F:\ruaplv1>git clone https://github.com/KrpesFilip/RUAP-Projekt
Cloning into 'RUAP-Projekt'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (3/3), done.

F:\ruaplv1>cd RUAP-Projekt

F:\ruaplv1\RUAP-Projekt>git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean

F:\ruaplv1\RUAP-Projekt>
```

Kreiranje novog development brancha i prebacivanje na isti.

```
F:\ruaplv1\RUAP-Projekt>git branch development  
F:\ruaplv1\RUAP-Projekt>git checkout development  
Switched to branch 'development'  
F:\ruaplv1\RUAP-Projekt>
```

Kreiram praznu konzolnu aplikaciju s „dotnet new console”.

Otvaram aplikaciju u visual studio code-u i podešavam ju da ispisuje poruku kada je pokrenuta.

```
Console.WriteLine($"Pozdrav iz aplikacije od [Filip Krpes]");
```

Pokretanje aplikacije iz komandne linije

```
F:\ruaplv1\RUAP-Projekt>dotnet run  
Pozdrav iz aplikacije od [Filip Krpes]  
F:\ruaplv1\RUAP-Projekt>
```

Sljedeće spremam aplikaciju u index i comitam na lokalni development branch. Označujem sve s . jer imam samo aplikaciju i comitam s -m kako bi dodao poruku.

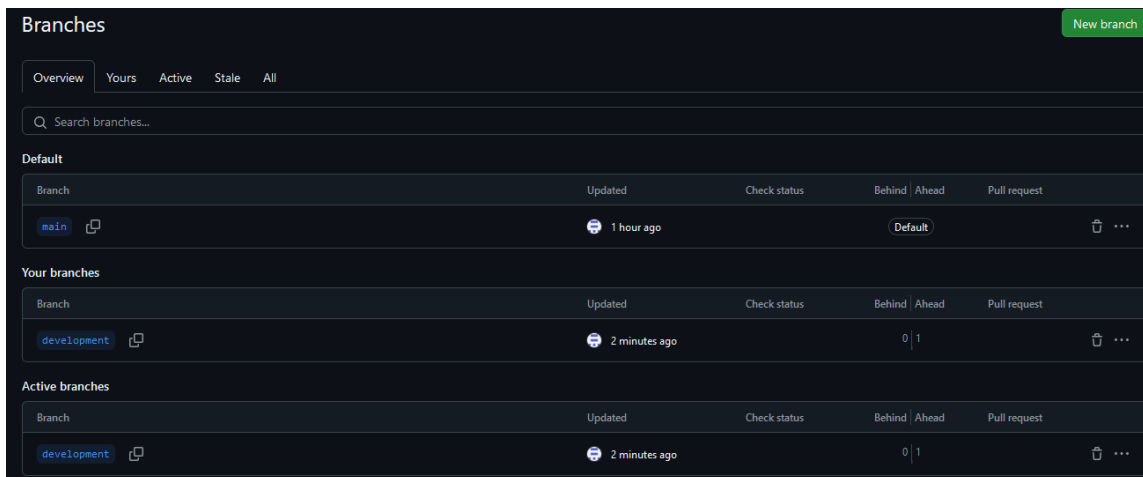
```
F:\ruaplv1\RUAP-Projekt>git add .  
F:\ruaplv1\RUAP-Projekt>git commit -m "Initial commit of console application"  
[development e8892b3] Initial commit of console application  
2 files changed, 13 insertions(+)  
create mode 100644 Program.cs  
create mode 100644 RUAP-Projekt.csproj
```

```
F:\ruaplv1\RUAP-Projekt>git log  
commit e8892b327a2f0a3d05f552d4ed8fc2821d47a806 (HEAD -> development)  
Author: Your Name <filip.krpes@gmail.com>  
Date: Thu Nov 14 00:42:00 2024 +0100  
  
Initial commit of console application  
  
commit a2d6df4e2e7eb3326f025a587e611d51aea007ad (origin/main, origin/HEAD, main)  
Author: KrpesFilip <filip.krpes@gmail.com>  
Date: Wed Nov 13 23:16:36 2024 +0100  
  
Initial commit
```

Pushanje lokalnog development brancha na server.

```
F:\ruaplv1\RUAP-Projekt>git push -u origin development  
Enumerating objects: 5, done.  
Counting objects: 100% (5/5), done.  
Delta compression using up to 12 threads  
Compressing objects: 100% (4/4), done.  
Writing objects: 100% (4/4), 586 bytes | 586.00 KiB/s, done.  
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)  
remote:  
remote: Create a pull request for 'development' on GitHub by visiting:  
remote: https://github.com/KrpesFilip/RUAP-Projekt/pull/new/development  
remote:  
To https://github.com/KrpesFilip/RUAP-Projekt  
* [new branch] development -> development  
branch 'development' set up to track 'origin/development'.
```

Vidimo novo dodani development branch na serveru.



Aplikacija je podešena da ispisuje i br. indeksa.

```
Console.WriteLine($"Pozdrav iz aplikacije od [Filip Krpes] index: 0165078815");
```

Podešena aplikacija je dodana u index te comitana na lokalni development branch. Zatim je pushana na server.

```
F:\ruapl\RUAP-Projekt>git add .

F:\ruapl\RUAP-Projekt>git commit -m "commit of updated console application"
[development 7348a98] commit of updated console application
1 file changed, 1 insertion(+), 1 deletion(-)

F:\ruapl\RUAP-Projekt>git push -u origin development
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 12 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 419 bytes | 419.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/KrpesFilip/RUAP-Projekt
 e8892b3..7348a98  development -> development
branch 'development' set up to track 'origin/development'.
```

Logovi na lokalnom repozitoriju.

```
F:\ruapl\RUAP-Projekt>git log
commit 7348a989dbda00c68e2e19f5baecbde24a824e83 (HEAD -> development, origin/development)
Author: Your Name <filip.krpes@gmail.com>
Date: Thu Nov 14 00:53:52 2024 +0100

    commit of updated console application

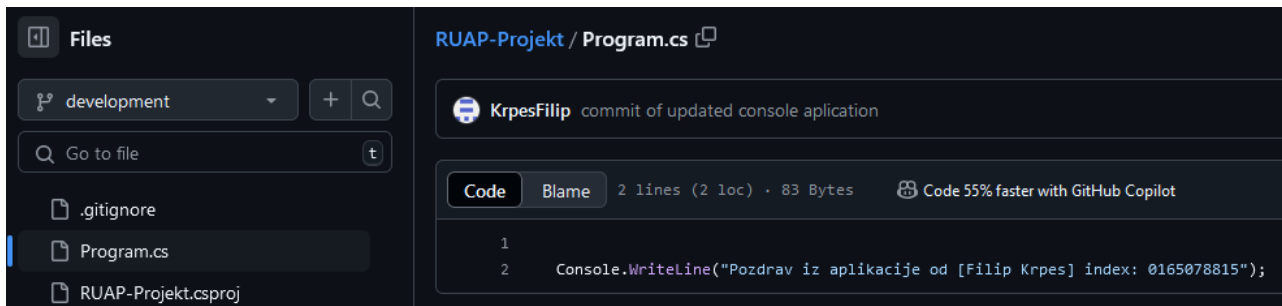
commit e8892b327a2f0a3d05f552d4ed8fc2821d47a806
Author: Your Name <filip.krpes@gmail.com>
Date: Thu Nov 14 00:42:00 2024 +0100

    Initial commit of console application

commit a2d6df4e2e7eb3326f025a587e611d51aea007ad (origin/main, origin/HEAD, main)
Author: KrpesFilip <filip.krpes@gmail.com>
Date: Wed Nov 13 23:16:36 2024 +0100

    Initial commit
```

Podešena aplikacija na serveru.



2.Zad.

Prelazim na main branch i stvaram README.md s echoe commandom. Zatim comitam README file na lokalni repozitorij i pusham na server.

```
F:\ruaplv1\RUAP-Projekt>git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

F:\ruaplv1\RUAP-Projekt>touch README.md
'touch' is not recognized as an internal or external command,
operable program or batch file.

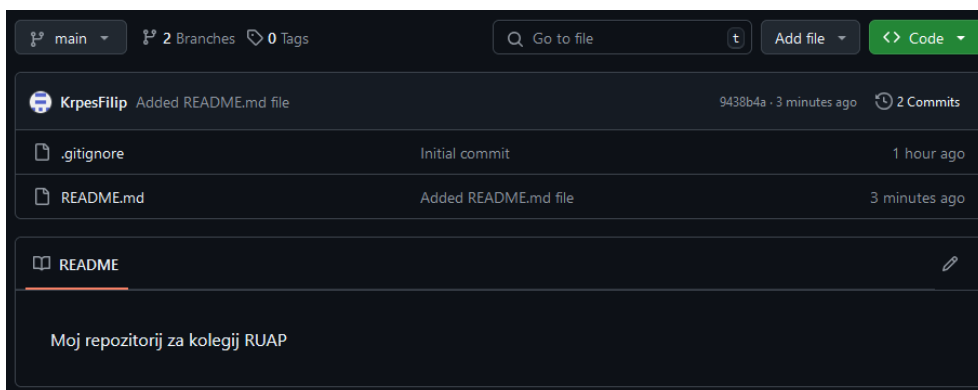
F:\ruaplv1\RUAP-Projekt>echo Moj repozitorij za kolegij RUAP > README.md

F:\ruaplv1\RUAP-Projekt>git add README.md

F:\ruaplv1\RUAP-Projekt>git commit -m "Added README.md file"
[main 9438b4a] Added README.md file
1 file changed, 1 insertion(+)
create mode 100644 README.md

F:\ruaplv1\RUAP-Projekt>git push origin main
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 319 bytes | 319.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/KrpesFilip/RUAP-Projekt
a2d6df4..9438b4a main -> main
```

README.md file na serveru.



Sljedeće sam merge-o development branch u main lokalno, te nakon toga sam push-o promjene na server.

```
F:\ruaplv1\RUAP-Projekt>git checkout main
Already on 'main'
Your branch is up to date with 'origin/main'.

F:\ruaplv1\RUAP-Projekt>git merge development
Merge made by the 'ort' strategy.
 Program.cs      | 2 ++
 RUAP-Projekt.csproj | 11 ++++++++
 2 files changed, 13 insertions(+)
 create mode 100644 Program.cs
 create mode 100644 RUAP-Projekt.csproj

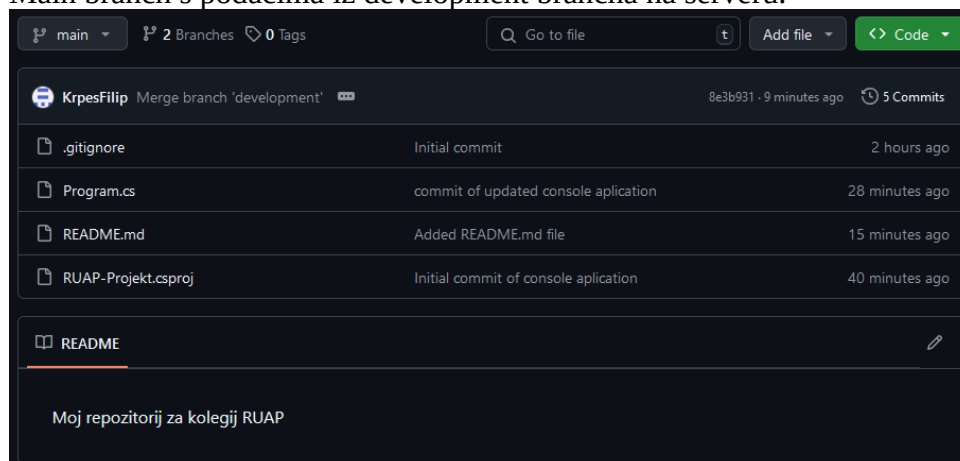
F:\ruaplv1\RUAP-Projekt>git add .

F:\ruaplv1\RUAP-Projekt>git commit
On branch main
Your branch is ahead of 'origin/main' by 3 commits.
(use "git push" to publish your local commits)

nothing to commit, working tree clean

F:\ruaplv1\RUAP-Projekt>git push origin main
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 335 bytes | 335.00 KiB/s, done.
Total 2 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/KrpesFilip/RUAP-Projekt
 9438b4a..8e3b931  main -> main
```

Main branch s podacima iz development brancha na serveru.



The screenshot shows the GitHub interface for the repository 'KrpesFilip/RUAP-Projekt'. The top bar indicates the 'main' branch is selected, with 2 branches and 0 tags. A search bar and 'Add file' button are visible. The commit history table shows the following entries:

File	Commit Message	Time Ago
.gitignore	Initial commit	2 hours ago
Program.cs	commit of updated console application	28 minutes ago
README.md	Added README.md file	15 minutes ago
RUAP-Projekt.csproj	Initial commit of console application	40 minutes ago

Below the table, the 'README' file is highlighted, showing the text: 'Moj repozitorij za kolegij RUAP'.

Funkcijom git log sam dobio hash code comita koji je dodao osnovnu konzolnu aplikaciju i nju sam umetnuo u komandu cherry-pick. Kada se pojavio conflict koristio sam git status da vidim koji podatak je problem. U ovom slučaju konzolna aplikacija je imala 2 verzije.

```
F:\ruaplv1\RUAP-Projekt>git cherry-pick e8892b327a2f0a3d05f552d4ed8fc2821d47a806
Auto-merging Program.cs
CONFLICT (add/add): Merge conflict in Program.cs
error: could not apply e8892b3... Initial commit of console application
hint: After resolving the conflicts, mark them with
hint: "git add/rm <paths>", then run
hint: "git cherry-pick --continue".
hint: You can instead skip this commit with "git cherry-pick --skip".
hint: To abort and get back to the state before "git cherry-pick",
hint: run "git cherry-pick --abort".
hint: Disable this message with "git config advice.mergeConflict false"

F:\ruaplv1\RUAP-Projekt>git status
On branch main
Your branch is up to date with 'origin/main'.

You are currently cherry-picking commit e8892b3.
  (fix conflicts and run "git cherry-pick --continue")
  (use "git cherry-pick --skip" to skip this patch)
  (use "git cherry-pick --abort" to cancel the cherry-pick operation)

Unmerged paths:
  (use "git add <file>..." to mark resolution)
    both added:      Program.cs
```

U visual studiu code mi se otvorila konzolna aplikacija te prikazale su se 2 verzije od head do === i od == do >>>>. Uklonio sam u programskom kodu sve tako da aplikacija ima kod kao u prvom comitu.

```
Accept Current Change | Accept Incoming Change | Accept Both Changes | Compare Changes
<<<<<< HEAD (Current Change)
Console.WriteLine("Pozdrav iz aplikacije od [Filip Krpes] index: 0165078815");
=====
Console.WriteLine("Pozdrav iz aplikacije od [Filip Krpes]");
>>>>>> e8892b3 (Initial commit of console application) (Incoming Change)
```

Sljedeće sam dodao podešenu aplikaciju u staging area i nastavio cherry-pick.

```
F:\ruaplv1\RUAP-Projekt>git add Program.cs

F:\ruaplv1\RUAP-Projekt>git cherry-pick --continue
[main e9fc11a] Cherry picked Initial commit of console application
Date: Thu Nov 14 00:42:00 2024 +0100
1 file changed, 3 insertions(+), 1 deletion(-)

F:\ruaplv1\RUAP-Projekt>git push origin main
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 12 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 358 bytes | 358.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/KrpesFilip/RUAP-Projekt
8e3b931..e9fc11a main -> main
```

Na kraju sam promjene pusho na server. Na donjoj slici vidimo cherry-picked konzolnu aplikaciju

na serveru.

RUAP-Projekt / Program.cs

KrpesFilip Cherry picked Initial commit of console application edfc11a · 8 minutes ago History

Code Blame 4 lines (2 loc) · 67 Bytes Code 55% faster with GitHub Copilot Raw Copy Download Edit More

```
1
2
3 Console.WriteLine("Pozdrav iz aplikacije od [Filip Krpes]");
```