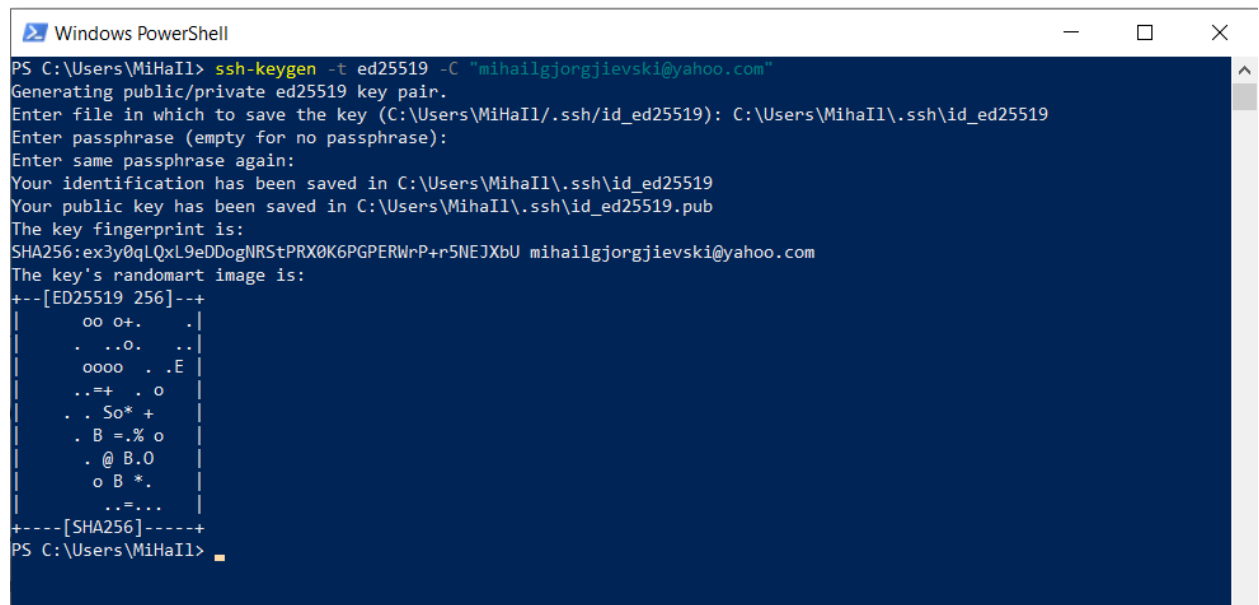# First homework for continuous integration continuous development
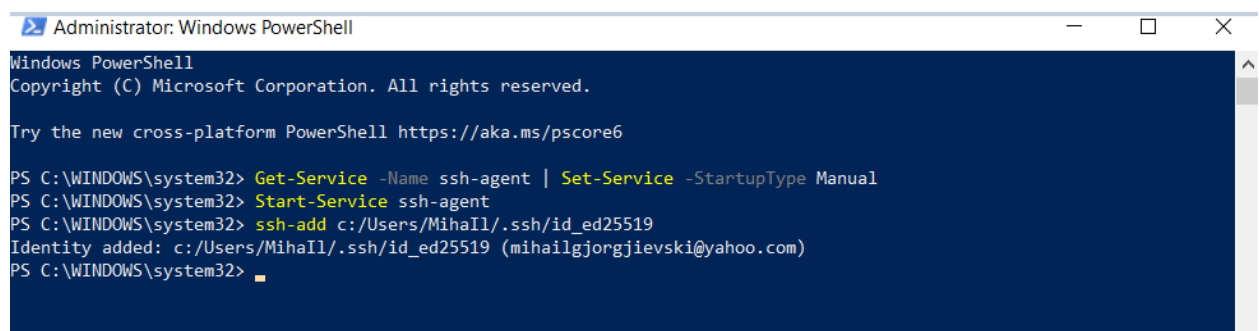
1. Creating an SSH key and adding it to github.com

Generating the actual key

Starting the SSH key and adding it loccally

Adding it to github.com
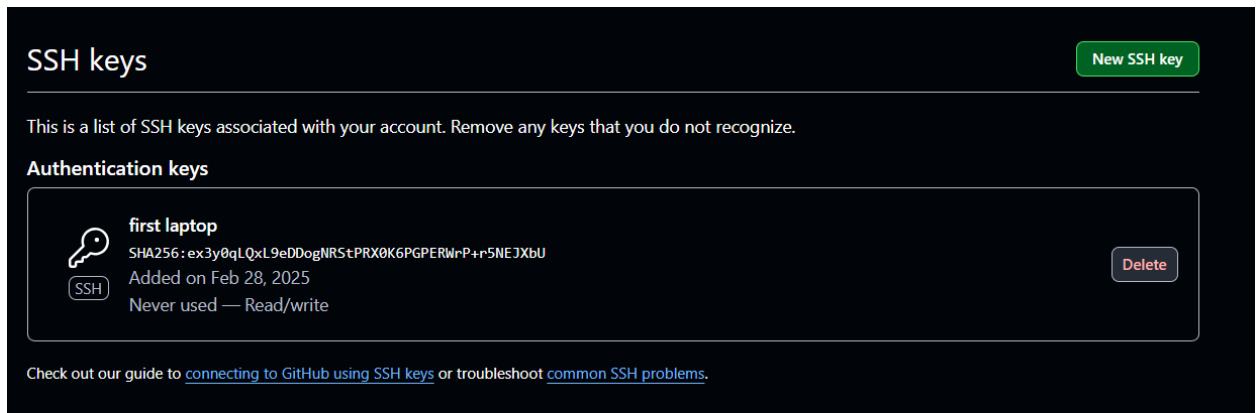
2. Creating a new GitHub repository and clone it locally

Created the repository on github.com (forgot to screenshot)
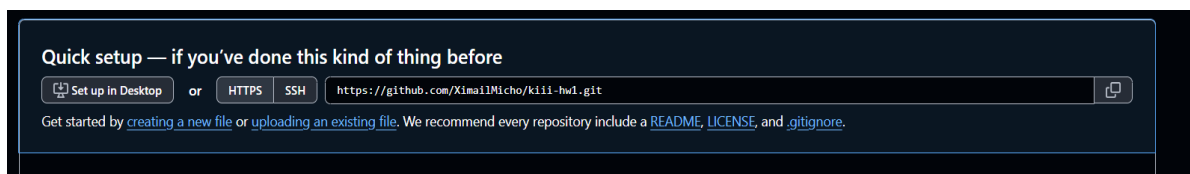
Cloned the repository locally

Created the main branch and added README.md file, committed and pushed the changes

Created branches test, develop and production and added a .txt file in the develop branch

Merged the develop branch into main

*i pushed the changes to github.com but appears i forgot to screenshot

Added more content in the develop branch

Merged the develop branch into the test branch

Windows PowerShell

```
PS C:\Users\MiHaIl\desktop\finki\6.SESTI SEMESTAR\kiii-hw1> git checkout test
Switched to branch 'test'
PS C:\Users\MiHaIl\desktop\finki\6.SESTI SEMESTAR\kiii-hw1> git merge develop
Updating f0bb49f..e44c06e
Fast-forward
 content.txt     | Bin 0 -> 84 bytes
 morecontent.txt | Bin 0 -> 92 bytes
 2 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 content.txt
 create mode 100644 morecontent.txt
PS C:\Users\MiHaIl\desktop\finki\6.SESTI SEMESTAR\kiii-hw1> git status
On branch test
nothing to commit, working tree clean
PS C:\Users\MiHaIl\desktop\finki\6.SESTI SEMESTAR\kiii-hw1>
```

Merged the test branch into the main branch

```
PS C:\Users\MiHaIl\Desktop\FINKI\6.SESTI SEMESTAR\kiii-hw1> git branch
  develop
* main
  production
  test
PS C:\Users\MiHaIl\Desktop\FINKI\6.SESTI SEMESTAR\kiii-hw1> git merge test
Updating 1c76c77..e44c06e
Fast-forward
 morecontent.txt | Bin 0 -> 92 bytes
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 morecontent.txt
PS C:\Users\MiHaIl\Desktop\FINKI\6.SESTI SEMESTAR\kiii-hw1> git status
On branch main
Your branch is ahead of 'origin/main' by 1 commit.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean
PS C:\Users\MiHaIl\Desktop\FINKI\6.SESTI SEMESTAR\kiii-hw1> git push origin main
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 405 bytes | 405.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To github.com:XimailMicho/kiii-hw1.git
   1c76c77..e44c06e  main -> main
PS C:\Users\MiHaIl\Desktop\FINKI\6.SESTI SEMESTAR\kiii-hw1>
```

3. Forking a repository from github.com than cloning it locally

Forked a repository from a colleague and cloned it loccally

Created a new branch and made a simulation change, committed and pushed on branch feature-change

```
PS C:\Users\MiHaIl\Desktop\FINKI\6.SESTI SEMESTAR\KIII\kii-homework-fork> git checkout -b feature-change
Switched to a new branch 'feature-change'
PS C:\Users\MiHaIl\Desktop\FINKI\6.SESTI SEMESTAR\KIII\kii-homework-fork> echo "made a new text file to simulate a chang
e for the homework " > change.txt
PS C:\Users\MiHaIl\Desktop\FINKI\6.SESTI SEMESTAR\KIII\kii-homework-fork> git status
On branch feature-change
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        change.txt

nothing added to commit but untracked files present (use "git add" to track)
PS C:\Users\MiHaIl\Desktop\FINKI\6.SESTI SEMESTAR\KIII\kii-homework-fork> git add change.txt
PS C:\Users\MiHaIl\Desktop\FINKI\6.SESTI SEMESTAR\KIII\kii-homework-fork> git commit -m "added a .txt file"
[feature-change 43e494f] added a .txt file
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 change.txt
PS C:\Users\MiHaIl\Desktop\FINKI\6.SESTI SEMESTAR\KIII\kii-homework-fork> git push origin feature-change
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 401 bytes | 401.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: Create a pull request for 'feature-change' on GitHub by visiting:
remote:      https://github.com/XimailMicho/kii-homework-fork/pull/new/feature-change
remote:
To github.com:XimailMicho/kii-homework-fork.git
 * [new branch]      feature-change -> feature-change
PS C:\Users\MiHaIl\Desktop\FINKI\6.SESTI SEMESTAR\KIII\kii-homework-fork>
```

Created a pull request for made change

Comparing changes

Choose two branches to see what's changed or to start a new pull request. If you need to, you can also compare across forks or learn more about diff comparisons.

base repository: slavcho-m/kii-homework ▾   base: main ▾   ←   head repository: XimailMicho/kii-homework-fork ▾   compare: feature-change ▾

✓ Able to merge. These branches can be automatically merged.

Add a title

added a .txt file

Helpful resources
GitHub Community Guidelines

Add a description

| Write | Preview |

H B I ≣ <> 🔗 | ≣ ≣ ≣ | @ @ ☐ ↩ ☐

Add your description here...

📖 Markdown is supported   🖼 Paste, drop, or click to add files

☑ Allow edits by maintainers ⑦   **Create pull request** ▾

Pull request accepted and merged cleanly into owner's main

Created by:

Mihail Gjorgjievski (221242)