

Test GIT Basics

Total points **8/8** ?

Dear Student!

At the end of the block, we encourage you to take the test yourself. The results are only for you, they will help you verify the extent to which knowledge has been acquired by you.

After completing the test you will receive point information on how it went :)

Good luck!
SDA team

0 of 0 points

Name and surname *

Brikena Agalliu

Test questions

8 of 8 points

✓ Which term best describes the branch definition in Git? * 1/1

- ☐ This is the commit tag we are currently in.
- ☐ A set of changes in files in the repository - it has a unique identifier (hash) and, e.g. author data.
- ☒ Embranchement or reflection from the main trunk of the project repository development line - you can make changes to it without introducing a "mess" in the basic development version. ✓
- ☐ It is a description of merging several commits into one.

✓ Let's imagine that we have a development branch develop, then we create *1/1 from it a branch called branch-1. In the next step, switch to branch

branch-1, edit the existing file file_1.txt by adding the line " This is change from branch-1", commit changes. In the next step, we switch to branch develop, edit the same file file_1.txt by adding the line "This is change from branch develop", we commit the changes. In the last step, we merge branch-1 to brancha develop. What will most likely happen?

- ☐ Changes to file file_1.txt will merge (both lines will be added), branch-1 will be automatically removed.
- ☐ Changes to file file_1.txt will not be merged - conflict will occur, branch-1 will be automatically removed.
- ☐ Changes to file file_1.txt will merge (both lines will be added), branch-1 will not be removed.
- ☒ Changes to file file_1.txt will not be merged - conflict will occur, branch-1 will not be removed. ✓

✓ Which of the following is not a remote GIT code repository? *

1/1

- ☐ Gitlab
- ☒ SmartGit ✓
- ☐ Bitbucket
- ☐ Github

✓ Which statement correctly determines the GIT version control system? *

1/1

- ☐ It allows creating data repositories only on the local computer, thus available only to one person.
- ☐ None of the above is true.
- ☒ Customers have a copy of the entire repository, so that if one of the servers fails, it is possible to recover data (distributed system). ✓



It is a centralized version control system, i.e. the repository is kept on a remote server - parallel operation of many clients who have access to the latest versions of tracked files is possible.



What function do you think the .gitignore file does? *

1/1



It allows you to ignore specific files / catalogs in the project repository.



All of the above are true.



It allows you to ignore specific branches from the remote project repository.



Allows you to ignore public repositories.



What git bash command sequence should we use to switch to my-branch and update our local version of this branch (synchronise) with the associated remote branch? *1/1

```
$ git checkout my-branch  
$ git pull
```



Opcja 1



```
$ git checkout my-branch  
$ git push
```



Opcja 3

```
$ git checkout ~my-branch  
$ git pull
```

```
$ git push my-branch  
$ git pull
```

☐ Opcja 4

☐ Opcja 2

✓ Which Git bash console command will allow us to create a new local repository? *1/1

☐ git pull

☐ git initialize

☒ git init ✓

☐ git clone <https://my.repository.net/repository.git>

✓ Which git bash command will set the user's email address only for the current repository? *1/1

☐ \$ git config --global [user.name](#) "[my.email.address@example.com](#)"

☒ \$ git config user.email "[my.email.address@example.com](#)" ✓

☐ none of the above

☐ \$ git config --global user.email "[my.email.address@example.com](#)"

This form was created inside of Software Development Academy.
Does this form look suspicious? [Report](#)

Google Forms

