

Module: Version Control Systems

Topic. Version Control Systems. Part 2

Task 1

Create a GitHub account. Your local repository should synchronize with GitHub.

Task 2

Create a folder with a set of subfolders and files.

Task 3

Create a repository in the main folder.

Task 4

Add the entire folder contents to the repository index using this command: `git add`.

Task 5

Create a commit based on the data added to the index. Use this command: `git commit`.

Task 6:

Create a new branch and name it newbranch.

Task 7

Create a new file and fill it with data. After that, create a commit with the new file in newbranch.

Task 8

Go to the master branch. Create a new file and fill it with data. After that, create a commit with the new file in the master branch.

Task 9

Go to newbranch. Merge the contents of master into newbranch.

Task 10

Go to the master branch. Make changes to the existing file. The changes should result in a merge conflict. Commit the changes.

Task 11

Go to newbranch. Merge the contents of master into newbranch. Resolve a conflict when it arises.