

# Assignment 1 - Creating a repository

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## Cloning

1. Create a repository on your chosen cloud service (Github, gitlab.....)
2. Use the clone command to clone your repository

## Initiating

1. Create a folder somewhere on your hardware.
2. Use the initiate command to create a git projekt

# Assignment 2 - Switching branches

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1. Firstly create a branch
2. optional: Use the command to show which branches there are
3. Use the switch or checkout command to switch to your new branch

## Assignment 3 - Pushing to the cloud

1. Create any code file in the language that you prefer
2. Create a little program (Maybe just something like adds two number and prints the result)
3. Save the contents of the file.

## Committing

1. firstly you need to add the file with the add command
2. use the status command to see what has been added
3. Use the commit command and remember to write a good comment

## Pushing

1. when everything is ready you simply use the push command to push to the cloud
2. Because you are on a new branch you will likely be prompted to specify the upstream origin

# Assignment 4 - Updating your repository

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1. Go to your projekt
2. Use the pull command

# Assignment 5 - Working together

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1. Find someone to work with or ask us
2. Share your project together and work on the little program you created
3. Create something in the same document and let one of you upload to the cloud first

4. After this the other person uploads what that person has created.
5. what happened? How can we solve this issue?

## Assignment 6 - Checking out earlier commits

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1. Firstly use the log command to see the logs of the project
2. Then Use the checkout command to go to an earlier commit