Creating a GitHub account

https://git-scm.com/download/win

GitHub website

un

Forking the code

https://github.com/SERG-Delft/mooc-software-testing

"fork"

Cloning the repository to your machine

git@github.com:YOUR-USER/mooc-software-testing.git *https://github.com/YOUR-USER/mooc-software-testing.git.*

Import a project on IntelliJ or Eclipse

IntelliJ

ok.

Create.

main

test *src*

Eclipse

Writing our very first automated test

Go to the GettingStarted class.

```
@Test
public void addFiveToTwenty() {
    int result = new GettingStarted().addFive(20);
    Assertions.assertEquals(25,result);
}
```

- the following method is a JUnit test. JUnit is the framework we are going to dive into later.
- The method name already explains what we want to test.
- The body of this test method then invokes the function we want to test (addFive()), passing the number 20 to it.
- Given this input, the expected output should then be 25. so we assert that our result is equal to 25 (using the Assertions.assertEquals() method). If the result is not equal to 25, we expect this test to fail.

You can now run this test case and see what happens. Right-click the GettingStarted test or project, and Run Junit test case.

Next, complete the remaining test cases. Uncomment them, and try to fill in the blanks.

Add a few more test cases and make sure that they run properly.

Additional resources on how to use all of the functionality of JUnit: _____

Pushing your changes to the online repository

cd

git commit -m "Complete the test class for addFive"

"git push origin master"

Enter.