

Dear students,

your first homework is about writing **twenty assertion cases** (at least with 5 different types of assertion statements) (two-student groups will have 20 assertion cases) from your software projects. **(50 points)**.

Two **test suits** will be implemented (you will/can use assertions you have written before). **(20 points)**

Do not write **redundant** cases, please.

You will present the project with your group members (2 student groups) or individually.

You will present your homework in no more than 5-10 minutes.

I need to see the UML class diagrams of your project first shortly. **(10 points)**

One parameterized test and one repeatable test must be in your homework, please. **(10 points)**

One repeatable test must be in your homework, please. **(10 points)**

If you have any problem you can mail me. tanseldoker@gmail.com

You can write your homework with JUnit4 or **JUnit5** if you like.

Any Java IDE is welcome. Or you can use any programming language with Xunit testing support

You will send your JUnit codes using Moodle.

Prepare a simple report with UML diagram and codes you have prepared. Your names at the first page.

Get ready to run your test during the presentations also.

Good luck.

Week 5 Tuesday

There is no late submission evaluation for the homework.

Report format

1. Your name and id
2. UML class diagram and Java code of the project
3. Assertion statements and outputs (execution results and screen shots)
4. Test suits and outputs (execution results and screen shots)
5. Parameterized test and outputs (execution results and screen shots)
6. Repeatable test and outputs (execution results and screen shots)