

T322 : ICT102 Introduction to Programming

Tutorial 1

Topic: Introduction to Java Tools

Submission: End of Week

This tutorial will introduce you to the tools needed for programming, You will also be introduced to the basics of configuring the Java Runtime Environment, creating a Java file, compiling and running a Java program.

Exercise 0: Installing Eclipse for Personal Computers

Please download from the following link

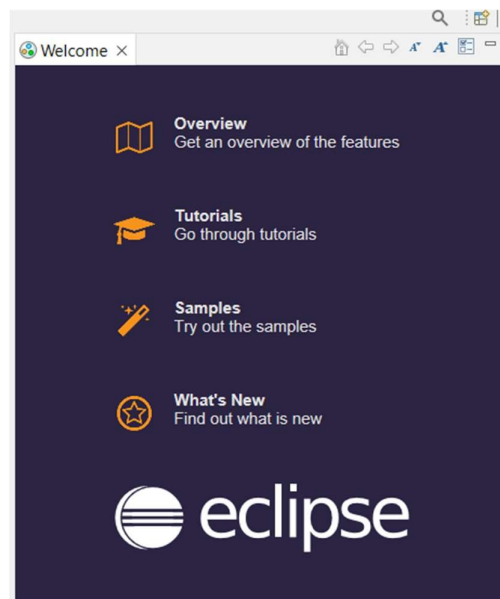
<https://www.eclipse.org/downloads/>

Install on the computer and Run.

Exercise 1: First Java application

Follow the instruction for HelloWorld tutorial in Eclipse.

If it is not visible open the Welcome screen by clicking on Help->Welcome



Next click on the Tutorials and select the Java Development-> HelloWorld application.



Exercise 2: Declaring variables

- Declare two integer variables x and y,
- Assign them any values.
- Print addition/subtraction/multiplication and division of these two variables on to the screen

Submission Task (- Grade 1%)

Follow the same steps as in Exercise 2, but change the step 2 to ask the user for input for these values by using Scanner class.



Alternatives to Eclipse

Best is to use Eclipse desktop installation (as in Exercise 0). If you are unable to get it then you may use some other editors or online tools to edit your projects, but the instructions in labs might not match.

If you are unable to install because of any version issues you can try to use the online IDE at the below link

<https://www.eclipse.org/che/>

As another alternative below online editor can also be used

<https://www.codiva.io/>

Please discuss with your tutor for any specific issues.

