

SESSION 1: PRESENTATION. FIRST STEPS IN ECLIPSE

GOALS:

1. Explain the laboratory guidelines and how the laboratory part will be assessed.
2. Brief reminder about Java (interpreter/compiler) and two ways of using it:
 - Command line
 - IDEs, such as Eclipse
 - Download from <https://www.eclipse.org/downloads/>
 - Install it
3. Practice with integer numbers, variable assignments, conversion between integer and real numbers, Reading from the keyboard and writing to the screen.
4. Knowing the basics about Eclipse.
 - a. Creating a code file (New Class)
 - b. Compiling
 - c. Executing → showing results on the console

EXERCISE:

Write a program that calculates and prints out three percentage values for an integer read from the keyboard. The results are shown in this order: 1) 95%, 2) 85% and 3) a percentage value read from the keyboard.

After that, the program then repeats the percentage calculations but this time, treating the integer entered as a real number.

The program must be properly documented and facilitate user interaction.