

CSCE 111 – Homework 3

Due date 10/05 end of day

Submit a .zip file with your answers to eCampus, file name should be in the format LastName_FirstName_hw3.zip.

Write a program that asks the user to enter a distance in meters and presents a set of conversion options:

1. Convert to kilometers
2. Convert to inches
3. Convert to feet
4. Quit program

The user might perform more than one conversion at the same program execution, after each requested conversion the system must display the menu with the options again. Each conversion must be implemented in a specific method, which receives the distance in meter as a parameter.

Example Output:

Enter a distance in meters: 100

- 1. Convert to kilometers**
- 2. Convert to inches Convert to feet Quit program**
- 3. Convert to kilometers**
- 4. Convert to inches Convert to feet Quit program**

Enter desired option: 1

100 meters = 0.1 kilometers

1. Convert to kilometers

2. Convert to inches Convert to feet Quit program

3. Convert to kilometers

4. Convert to inches Convert to feet Quit program

Enter desired option: 4

Name your **class** Hw3pr1 and your file Hw3pr1.java