

1.1 Welcome Letter

Due 9 Sep 2019 by 23:59 **Points** 0 **Submitting** an external tool

For your first assignment, we would like to send all students a letter to welcome them and check some information and we need your help to create a program to automate this process. The format of this letter should be the following:

```
Hello <firstName>,  
  
Welcome to Computer Programming. You entered the following information:  
Full name: <firstName> <lastName>  
Age: <age>  
Height: <height>  
  
We hope you will enjoy the course!
```

Inside the letter, the values in between '<' and '>' depend on the student using our program. They should be entered by the user. For this exercise, we will print the letter to the standard output.

Your program should consist of two major steps:

1. A dialog where the user enters his/her information.
2. Printing the actual letter.

This is how the user dialog should look like:

```
Enter your first name:  
Enter your last name:  
  
<first_name>, enter your age:  
<first_name>, enter your height in meters:
```



Before you start writing your program, first think about suitable data types for the values you have to handle (first name, last name, age, height). For this assignment, you can assume that names do not contain whitespace characters.

How to compile and run your program

Here, we show you how to compile and run your program, using VS Code. If you use any other environment, you will have to find out the appropriate steps by yourself.

1. Create a new file: (File, New File)
2. Enter your program code

3. Save the file in the directory in which you wish to store your assignments for this class, Module 1. Call the file **welcome.cpp**.
4. Open command line interface (Terminal, New Terminal)
5. In the terminal, navigate to the directory with your program.
6. Compile it with the following command: **g++ -o welcome welcome.cpp**
7. Run your program with the command: **./welcome**

Once your program is ready, submit it to CodeGrade below. Upon submission, your program will immediately be tested. To see the test results, you have to click on  (top right). Likely, you will have to click on  (bottom right) to "toggle the rubrics" which makes the rubrics go away and make room for the autotest results. Watch out: you have to scroll down sufficiently until you see **Categories**, below which your test results will show up. And: please be patient! The whole test takes several tens of seconds until it completes.

This tool needs to be loaded in a new browser window

Load 1.1 Welcome Letter in a new window