

SI@UCF Introduction to Competitive Programming

Homework 0: Hello World

For all assignments in the course, you will solve some problems on Kattis and submit your solution, along with a short support document on Webcourses. All course materials will be on the course webpage, which for 2023 is here:

<http://www.cs.ucf.edu/~dmarino/ucf/bhcsi/2023/compprog/>

In future years, just substitute 2023 for the current year in the URL above.

In the lab you'll be shown how to open up an IDE (could be CodeBlocks, VS Code or something else) and type up, save, compile and run a C++ program that prints out "Hello World!". Next you will be shown the website <https://open.kattis.com/>. All of the homework and contests for the course will be run off of this site. Each student must create an account to submit programs to Kattis and provide their username (so we can double check correct submissions). In lab, you will be shown how to submit a program to Kattis, once you think it's working.

For this assignment, you will need to type up your own copy of a solution to the following Kattis problem in C++ (also shown in the course notes):

<https://open.kattis.com/problems/hello>

In the comments of your solution, include your Kattis user name.

Separately, include a screenshot of your accepted response in Kattis.

Since Kattis includes sample input and output for each of its problems, those will not be included in any of these supplemental homework write ups.

For future assignments, you'll be asked to submit a separate file stating the number of submissions it took you to get a program accepted and for each program where you needed more than one submission, for each extra submission, explain what you fixed compared to the previous submission. This is not necessary for this assignment. The goal of this assignment is to make sure you know how to use the C++ IDE, type up a program, submit it to Kattis, and also upload it to a homework assignment in Webcourses.

Deliverables

1. A source file, hello.cpp with your solution to the problem, with your username in the comments.
2. A screenshot (.jpg or suitable format) of your program's accepted status on Kattis.