

## DS-2 Resource Document: Test Case Setup

The DS-1 resource document from last week shows how to view and interpret the autograder output on GradeScope. When you see that you've failed a test case on GradeScope, you can learn more by downloading that test case from the class website and trying it on your computer.

The test cases are under the **Assignments** section of the class website, alongside each project link:

### CSc 120 (Spring 2025): Assignments

| Assignment (link)            | Start date       | Due Date                                                                   | Additional resources                          |
|------------------------------|------------------|----------------------------------------------------------------------------|-----------------------------------------------|
| <a href="#">Assignment 1</a> | Fri Jan 17, 2025 | Short problems: 7:00 PM, Thur Jan 23<br>Long problems: 7:00 PM, Mon Jan 27 | Test cases:   <a href="#">assg01-long.zip</a> |

Download the zip file. Depending on your system you may need to right click and "unzip" it to see all the files inside.

Inside the folder are some **txt** files, then the input and outputs for each test case: **test-problem-XX.stdin** , **test-problem-XX.out**. These files have unusual extensions, but they are really just text files. Each **stdin** file shows what will be typed into your program as inputs, and the matching **out** file shows the expected printed output.

To open the folder in VSCode, go to the top menu, and click **File**, then **Open Folder**, and select the folder, which should be in your downloads. Once you've opened the folder this way, you can copy or create your python file for that project in the folder.

To use a test case, copy the contents of a **stdin** file into the terminal when you are prompted by running your program. Compare your program's printed output with the matching **out** file.

You can experiment with the test case by changing the inputs, or you can add additional print statements into your program to find out what's happening at each step.

**For credit, download and run the test case `testword_grid-05` using your PA-1 code. Show the TA your output.**