

What is the expected output? Each test case should also have documentation saying what it is testing.

4. Test Case 1 (3 pts.)

5. Test Case 2 (3 pts.)

How Do I Choose Test Cases?

Software engineering has developed several techniques to help software developers select test cases for a software system. We will be learning about these techniques in the coming weeks. A key problem is that even if a program runs correctly for one input, there might still be a bug that makes the program incorrect for another input. How many test cases should you have? What should they be? You want your test cases to be complete in the sense that if the program passes all of your tests it should be bug free. There are several metrics for measuring the completeness of a test set; we will examine a few in lecture. This week you should understand what a test case is, and what it means for a test to pass or fail. Therefore, you can use any criteria (or even no criteria!) to choose your two test cases above.