

A unit is the smallest piece of code that can be considered individually. It is typically the work of one programmer and is stored in a single file. It can be a class (in Java and other high-level languages), a function (in C and languages on a similar level), or an entire program (in less structured languages); any of these is a unit of code. Unit testing is the testing of one of these modules alone to find errors in the code.

A unit testing harness is a program written to test the functionality of a unit. It should be able to feed input values to a program, obtain results from the program, and compare the results against expected correct values to judge whether each test in the harness has been passed or failed.