



Your Name: _____

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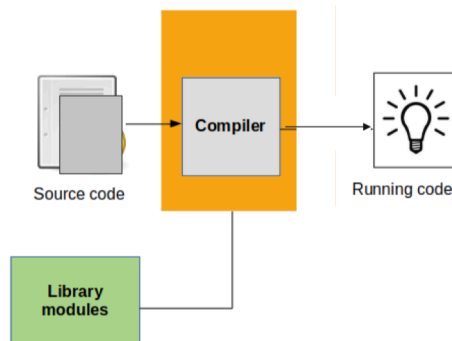
Take-Home: Quiz 1 (15 pts) - Introduction to Computer Programming and C

1. (4 pts) What is an *algorithm*? Explain.

An algorithm is a sequence of instructions to perform a task.

2. (6 pts) Given a green whiteboard marker and a whiteboard, provide an algorithm to describe to another human how to draw a *square* on the whiteboard. Be sure to number your steps.

3. (3 pts) Draw the structure from source file to executing the file?



4. (2 pts) What is the purpose of the `main()` *function*? Explain.

The `main()` function executes the instructions in the order, calls other functions, and is called by the operating system.