

Week 8 Exercise 1

Modular programming

Modular programming is a software design technique, which prioritizes separation of functionalities of a program into an independent and interchangeable module. Each of the modules contain all the necessities required to execute only one aspect of the desired functionality.

Function declaration

Function declaration is the process of giving a name, a return type, and parameters of a function. Function declaration helps the compiler to know about the name, return type, and parameters of a function

Function Implementation

After the declaration of a function, it needs to be defined how it would work. It involves all the logics that is involved for the function to work as desired. For example a function declared as `int square (int)` should have a body, which is syntactically as well as semantically right to perform the functionality that was meant when the function was declared. This process of defining the functions functionality is known as function implementation.