Assessments

The programming solutions for each chapters' questions can be found in our GitHub repository at the following URL: `https://github.com/PacktPublishing/Demystified-Object-Oriented-Programming-with-CPP/tree/master`. Each full program solution can be found in the GitHub under the appropriate chapter heading (subdirectory, such as `Chapter01`) in the subdirectory `Assessments`, in a file that corresponds to the chapter number, followed by a dash, followed by the solution number in the chapter at hand. For example, the solution for question 3 in chapter 1 can be found in the subdirectory `Chapter01/Assessments` in a file named `Chp1-Q3.cpp` under the aforementioned GitHub directory.

The written responses for non-programming questions can be found in the following sections. Should an exercise have a programming portion and a follow-up question, the answer to the follow-up question may be found both in the next sections and in a comment at the top of the programming solution on GitHub (as it may be appropriate to review the solution in order to fully understand the answer to the question).

Chapter 2 – Adding Language Necessities

1. The signature of a function is the function's name plus its type and number of arguments (no return type). This relates to name mangling as the signature helps the compiler provide a unique, internal name for each function. For example, `void Print(int, float);` may have mangled name of `Print_int_float();`. This facilitates overloaded functions by giving each function a unique name so that when a call is made, it is evident by the internal function name as to which function is being invoked.
2. **a – d**: Please see `Chapter02/Assessments/Chp2-Q2.cpp` in the GitHub repository.