

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 15 – Testing Classes and Components

- a:** Your classes follow orthodox canonical class form if they each include a (user-specified) default constructor, copy constructor, overloaded assignment operator, and a virtual destructor. Your classes additionally follow extended canonical class form if they also include a move copy constructor and an overloaded move assignment operator.

b: Your class will be considered robust if it follows canonical class form and ensures that all instances of a class have the means to be fully-constructed. Testing a class can ensure robustness.
- a – c:** Please see `Chapter15/Assessments/Chp15-Q2.cpp` in the GitHub repository.
- Please see `Chapter15/Assessments/Chp15-Q3.cpp` in the GitHub repository.