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 18 – Applying the Adapter Pattern

3. **a – b**: Please see `Chapter18/Assessments/Chp18-Q1.cpp` in the GitHub repository.

4. Other examples which may easily incorporate the Adapter pattern include many examples of repurposing existing, well-tested non-OO code to provide an OO interface (that is, a wrapper type of Adapter). Other examples include creating an Adapter to convert a formerly used class into a currently needed class (again with the idea of reusing previously created and well-tested components). An example is to adapt a `Car` class that has been previously used to represent gasoline engine cars into a class that models an `ElectricCar`.