# Explaining Basic Polymorphism

**The goal for this exercise** is to understand how polymorphism (how virtual methods) works, by examining sample code that contains only objects (it has no arrays of objects). A secondary goal is to provide you with a small, correct, sample program that uses virtual methods (that uses polymorphism).

**What you need to do for this exercise:**

1. In the provided starter solution, you’ll find a class named Explain\_Basic\_Polymorphism. In the Explain\_Basic\_Polymorphism.RunExercise() method, you will see some code that has been provided to you. You should examine the output of the program, and the various classes that this code produces, and you should use that, plus your understanding of polymorphism, to fill in the comments (inside the Explain\_Basic\_Polymorphism.RunExercise() method) with explanations of why the code produces the results it does.