be just a number.

**Example 1:** Create a mutable class Phone with two integer data fields: areaCode and number. Have two constructors, “getter” methods, and “setter” methods for each data field and a toString method.

**Example 2:** Derive a class cellPhone from class Phone that has two String data fields maker and service.

**Example 3:** Derive a class landPhone from class Phone that has two data fields address and longDistance.

**Example 4:** Derive a class cablePhone from class landPhone that has a data field cableProvider.

**Example 5:** Write a driver application that instantiates each of these classes and prints the results.

**Example 6:** Draw the UML diagram that relates these four classes.