3.3 Inside objects

The life method for these fields will be the responsibility of Address.

These methods are our fields (book, address) and the constructor. From this simple construction, we can assume that book and address are given to us when we create an object. This means that we can store the address, the book, and the phone number in our object.

In practice, we are able to keep our data private to a class. This helps avoid exposing sensitive data to other classes.

When we define an object-oriented program, the first task is to design a class or classes. There are two levels of visibility in common use: private, which means that only other classes within the same package or from the same directory can access the data; and public, which means that any other class can access the data as long as it is within the same package. In this way, we can control the visibility of the data.

When we design an object-oriented program, the first task is to define a class.