We have two classes, SuperB and SubC, which are stored in separate files.

The SuperB class has an instance variable x and four methods:

setIt(int n): Sets the value of x to the given integer n.

increase(): Increments the value of x by 1.

triple(): Multiplies the value of x by 3.

returnIt(): Returns the value of x.

The SubC class is a subclass of SuperB, which means it inherits all the instance variables and methods from SuperB. It has one method:

triple(): Overrides the triple() method from the superclass by adding 3 to the value of x.

The TestInheritance class contains the main method, where we create instances of both SuperB and SubC.

For the SuperB object b, we set the initial value of x to 2 using setIt(2), then we call increase() and triple() methods. The value of x after these operations is (2 + 1) \* 3 = 9.

For the SubC object c, we follow the same steps as above. However, since the triple() method is overridden in the SubC class to add 3 to x, the value of x after calling triple() becomes (2 + 3) \* 3 = 15.

We print the final values of x for both SuperB and SubC objects using the returnIt() method.