7.Writing a program in Java to verify the implementation of inner classes

public class OuterClass {

private int x = 10;

// Inner class definition

public class InnerClass {

public void printX() {

System.out.println("The value of x is " + x);

}

}

public static void main(String[] args) {

// Create an instance of the outer class

OuterClass outer = new OuterClass();

// Create an instance of the inner class

OuterClass.InnerClass inner = outer.new InnerClass();

// Call the method in the inner class to print the value of x

inner.printX();

}

}

OUTPUT:

The value of X is 10