Test-6

1.
```
class Counter {
   private int count = 0;
   public void increment() {
      count++;
   }
   public int getCount() {
      return count;
   }}
public class Test {
   public static void main(String[] args) {
      Counter counter = new Counter();

      while (counter.getCount() < 10) {
         counter.increment();
      }
      System.out.println("Counter reached: " + counter.getCount());
   }}
```
Output:

```
java -cp /tmp/9Zdh4xpav1/Test
Counter reached: 10

=== Code Execution Successful ===
```

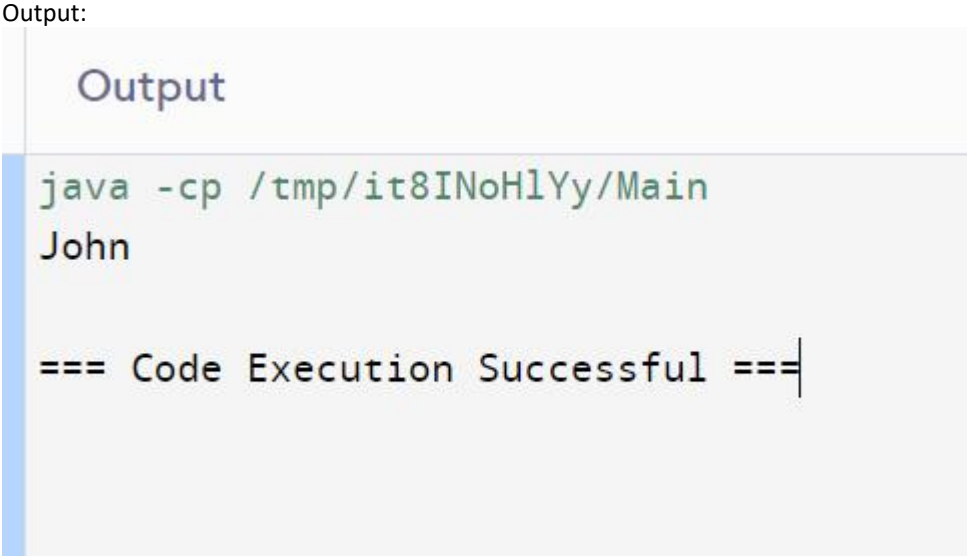
2.
```
class Employee {
   private String name;

   public Employee(String name) {
      this.name = name;
   }

   public String getName() {
      return name;
   }
}

public class Main {
   public static void main(String[] args) {
      Employee e = new Employee("John");
      System.out.println(e.getName());
   }
}
```

Output:



3.

```
import java.io.BufferedReader;
import java.io.FileNotFoundException;
import java.io.FileReader;
import java.io.IOException;

class FileOpener {
   public void openFile(String filePath) {
      try {
         FileReader fileReader = new FileReader(filePath);
         BufferedReader br = new BufferedReader(fileReader);
         String line;
         while ((line = br.readLine()) != null) {
            System.out.println(line);
         }
         br.close();
      } catch (FileNotFoundException e) {
         System.out.println("File not found: " + filePath);
      } catch (IOException e) {
         e.printStackTrace();
      }
   }
}

public class TestFileOpener {
   public static void main(String[] args) {
      FileOpener opener = new FileOpener();
      opener.openFile("missingfile.txt");
   }
}
```

Output:

4.public class PrintArray {

```
   public static void main(String[] args) {
      int[] numbers = new int[3];
      numbers[0] = 10;
      numbers[1] = 20;
      numbers[2] = 30;

      for (int num : numbers) {
         System.out.println(num);
      }
   }
}
```

Output: