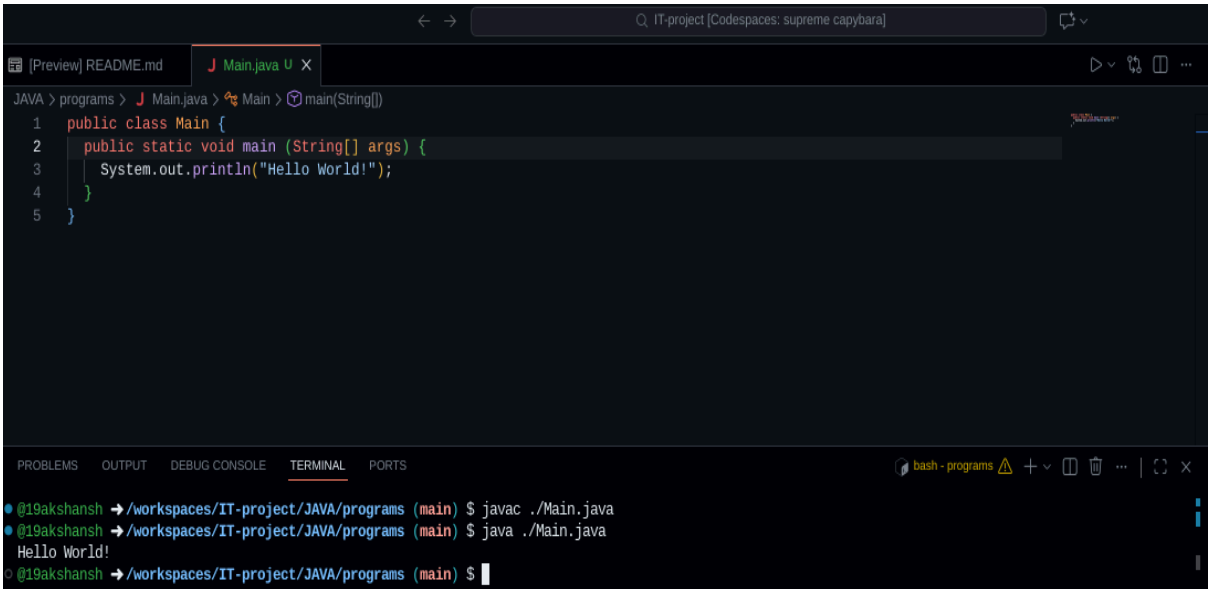
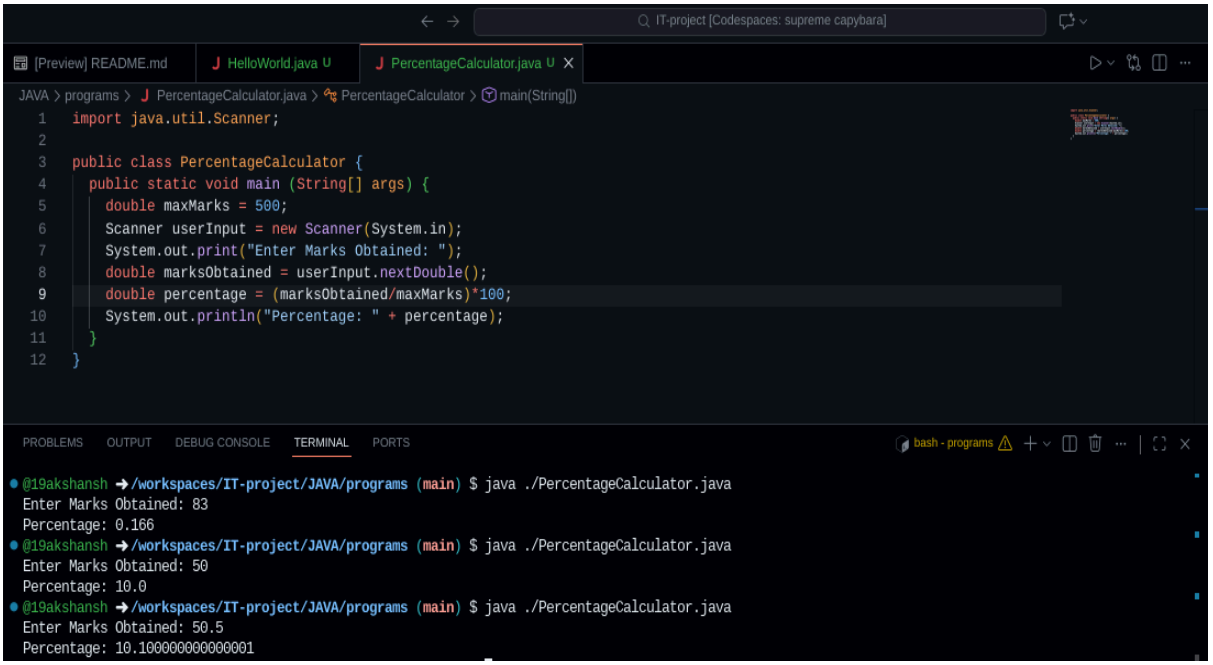
PROGRAM 1:

Print a simple “Hello World!” and move the subsequent text to the next line.



PROGRAM 2:

Receive grade(in float) from the User and return the percentage based on the fact that max marks = 500.

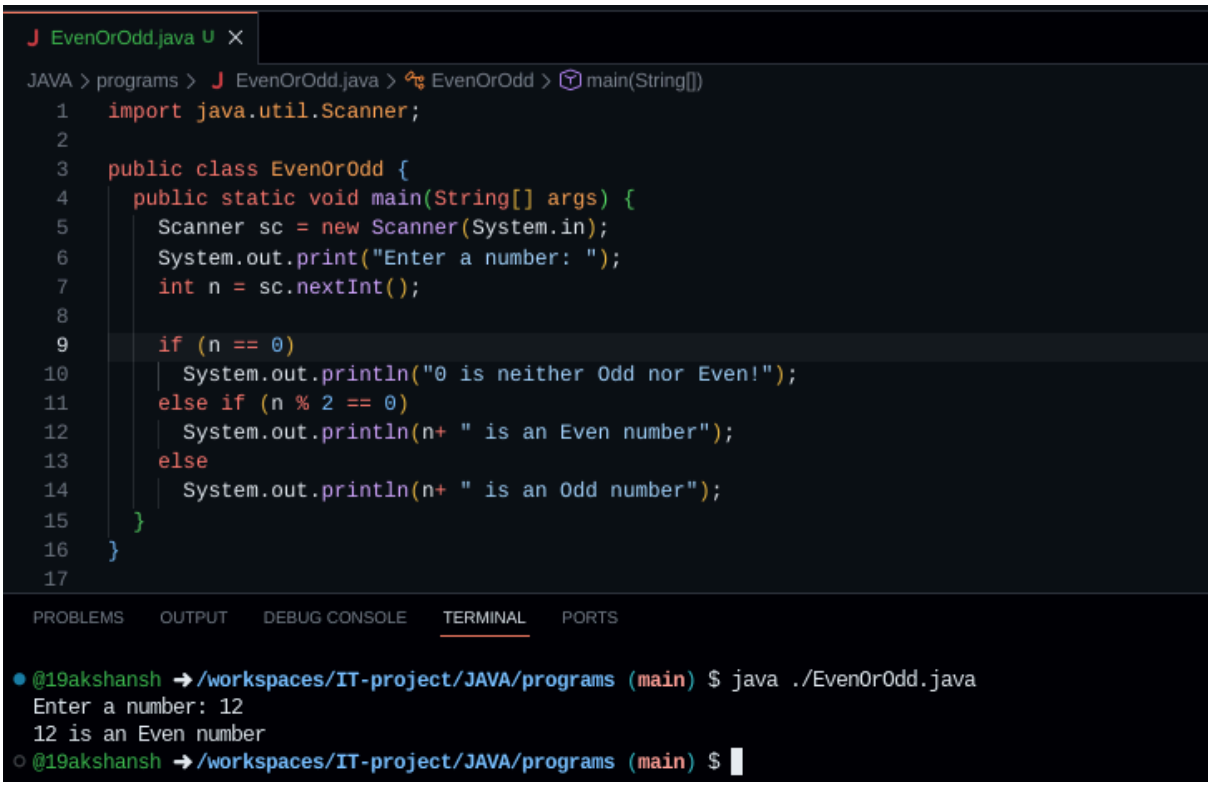


PROGRAM 3:

Receive two Integers and return their sum.

PROGRAM 4:

Receive a non-zero Integer and identify whether it's Odd or Even.



PROGRAM 5:

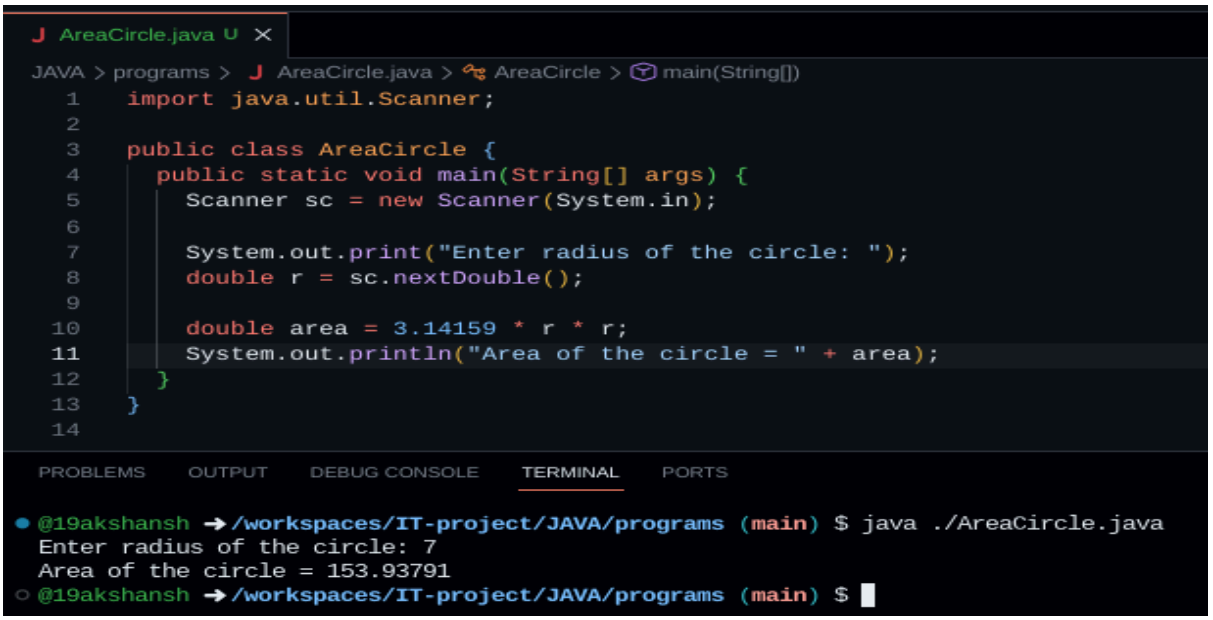
Receive three numbers and return the largest one.

```
JAVA > programs > J LargestOfThree.java > LargestOfThree > main(String[])
  1  import java.util.Scanner;
  2
  3  public class LargestOfThree {
  4    public static void main(String[] args) {
  5      Scanner sc = new Scanner(System.in);
  6
  7      System.out.print("Enter a: ");
  8      int a = sc.nextInt();
  9      System.out.print("Enter b: ");
 10      int b = sc.nextInt();
 11      System.out.print("Enter c: ");
 12      int c = sc.nextInt();
 13
 14      int largest = a;
 15      if (b > largest) largest = b;
 16      if (c > largest) largest = c;
 17
 18      System.out.println("Largest = " + largest);
 19    }
 20  }
 21
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS

● @19akshansh ➜ /workspaces/IT-project/JAVA/programs (main) $ java ./LargestOfThree.java
Enter a: 10
Enter b: 12
Enter c: 8
Largest = 12
○ @19akshansh ➜ /workspaces/IT-project/JAVA/programs (main) $
```

PROGRAM 6:

Receive a radius and return the area of the circle.

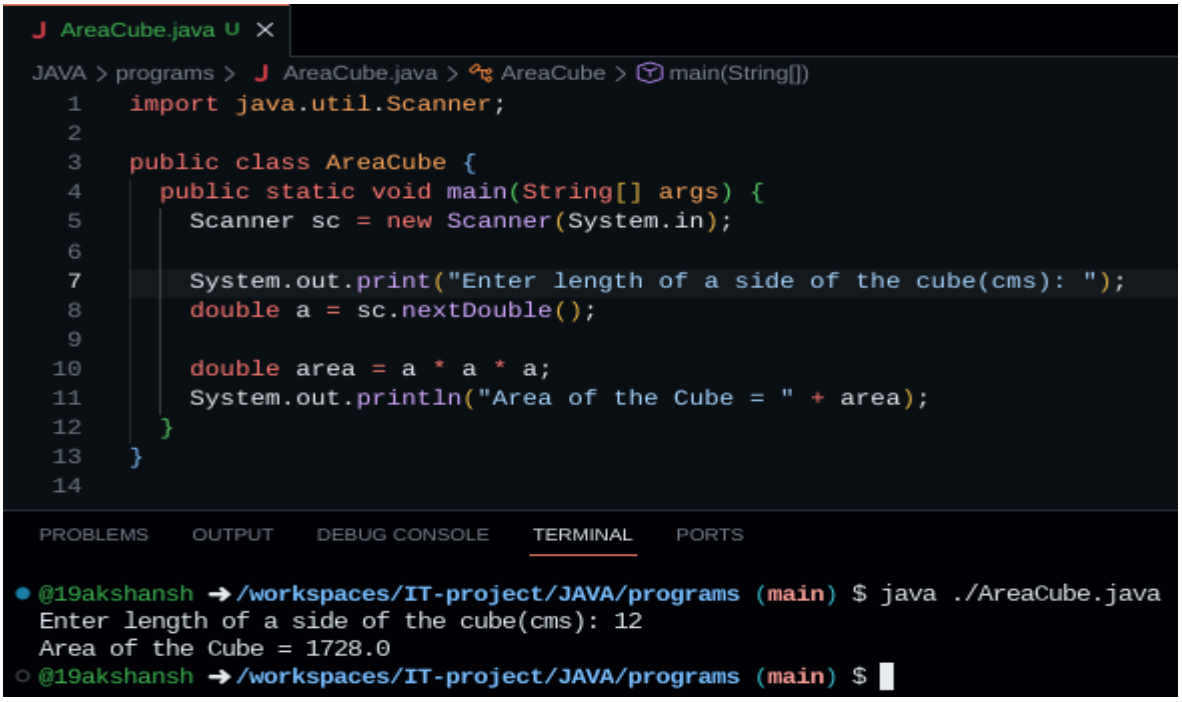


```
J AreaCircle.java U
JAVA > programs > J AreaCircle.java > AreaCircle > main(String[])
  1  import java.util.Scanner;
  2
  3  public class AreaCircle {
  4    public static void main(String[] args) {
  5      Scanner sc = new Scanner(System.in);
  6
  7      System.out.print("Enter radius of the circle: ");
  8      double r = sc.nextDouble();
  9
 10      double area = 3.14159 * r * r;
 11      System.out.println("Area of the circle = " + area);
 12    }
 13  }
 14
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS

● @19akshansh ➜ /workspaces/IT-project/JAVA/programs (main) $ java ./AreaCircle.java
Enter radius of the circle: 7
Area of the circle = 153.93791
○ @19akshansh ➜ /workspaces/IT-project/JAVA/programs (main) $
```

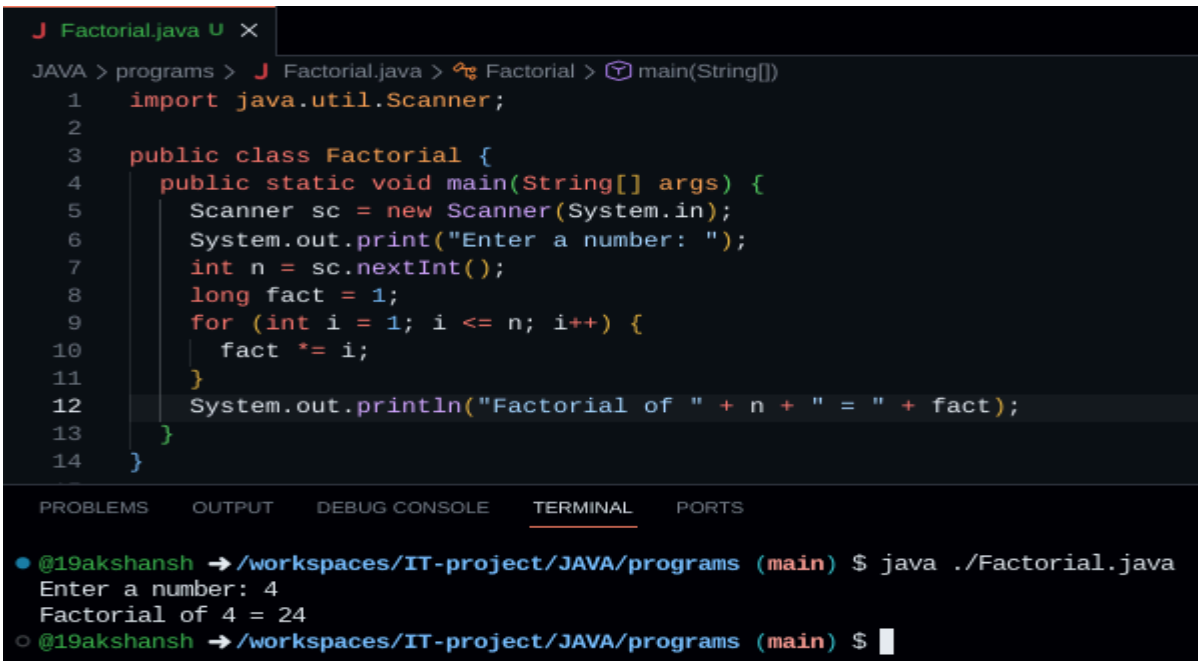
PROGRAM 7:

Receive a radius and return the area of the cube.



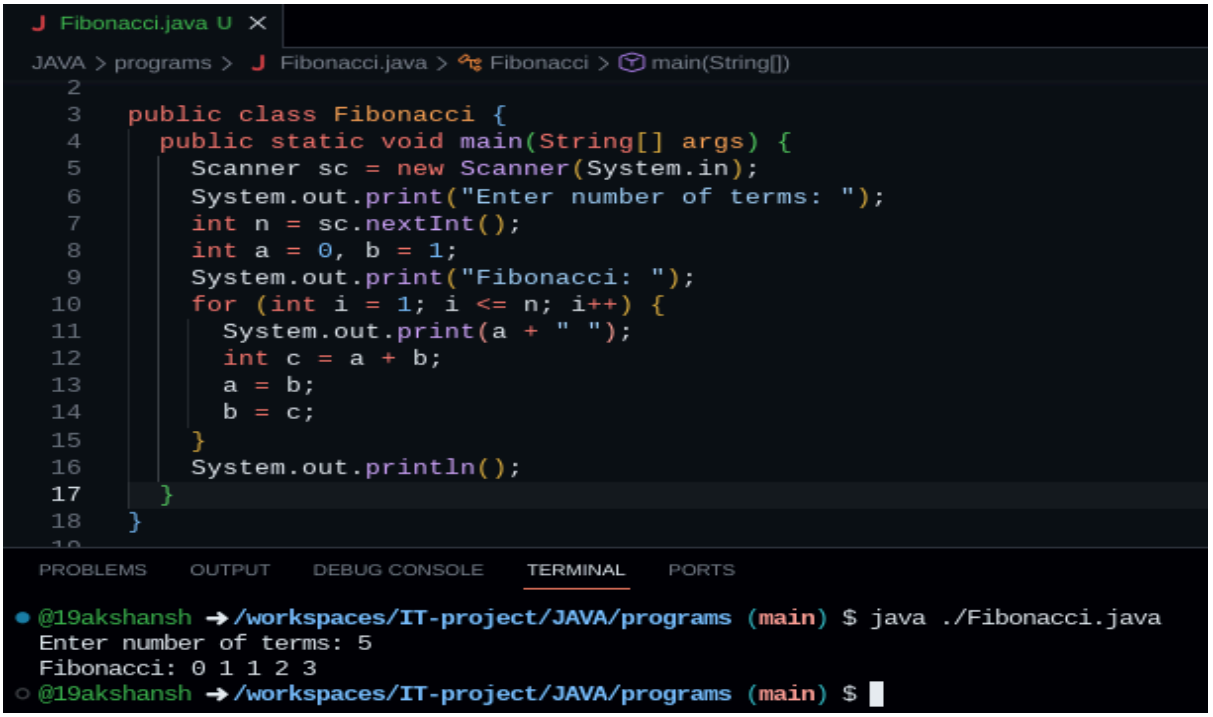
PROGRAM 8:

Receive a Number and return its Factorial.



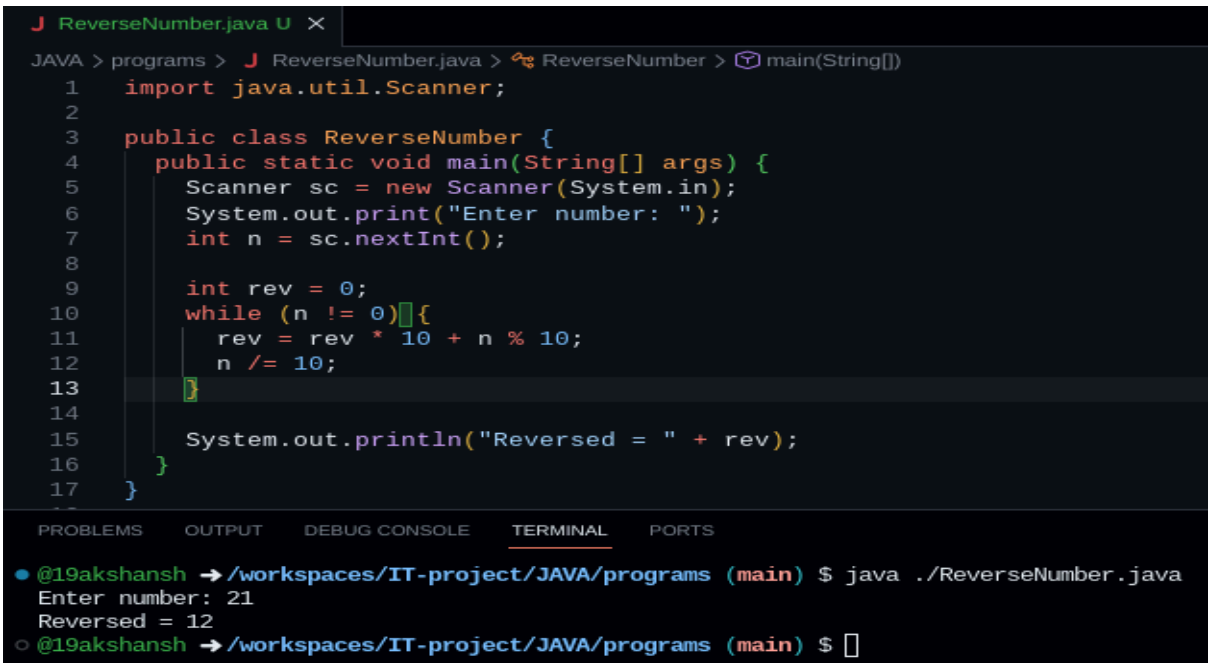
PROGRAM 9:

Returns a Fibonacci Sequence.



PROGRAM 10:

Receive a Number and return its reverse.

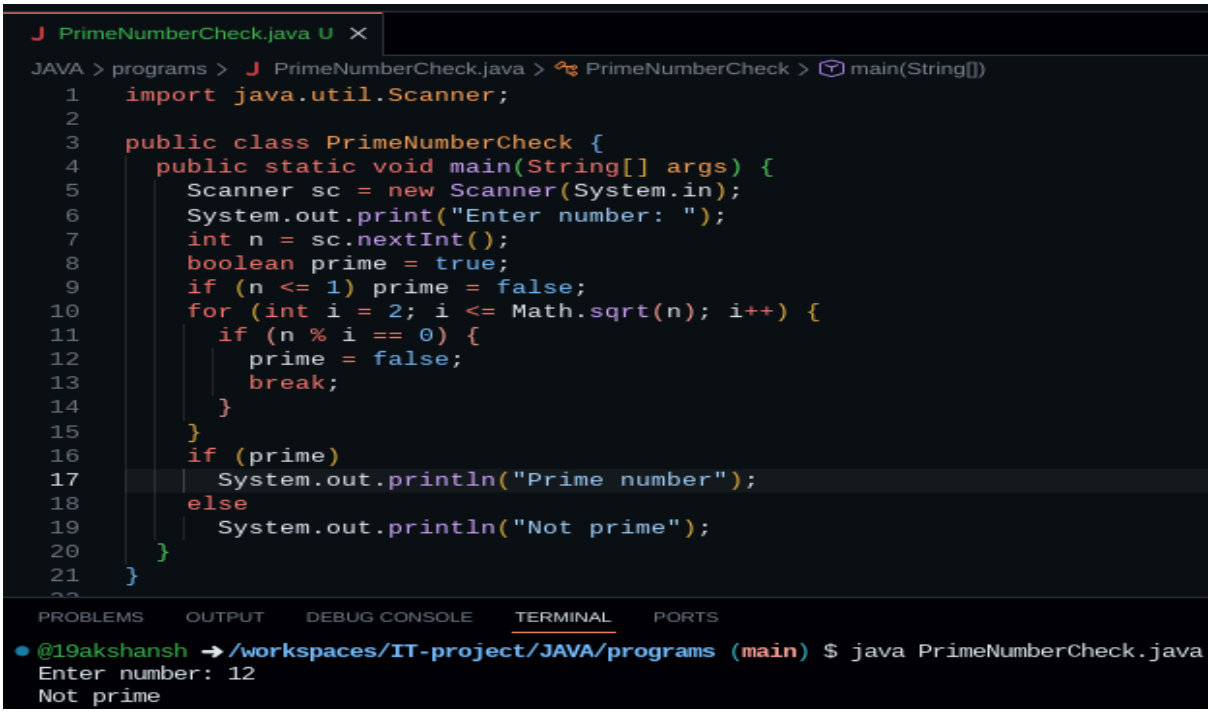


PROGRAM 11:

Receive a number and return whether it is a Palindrome or not

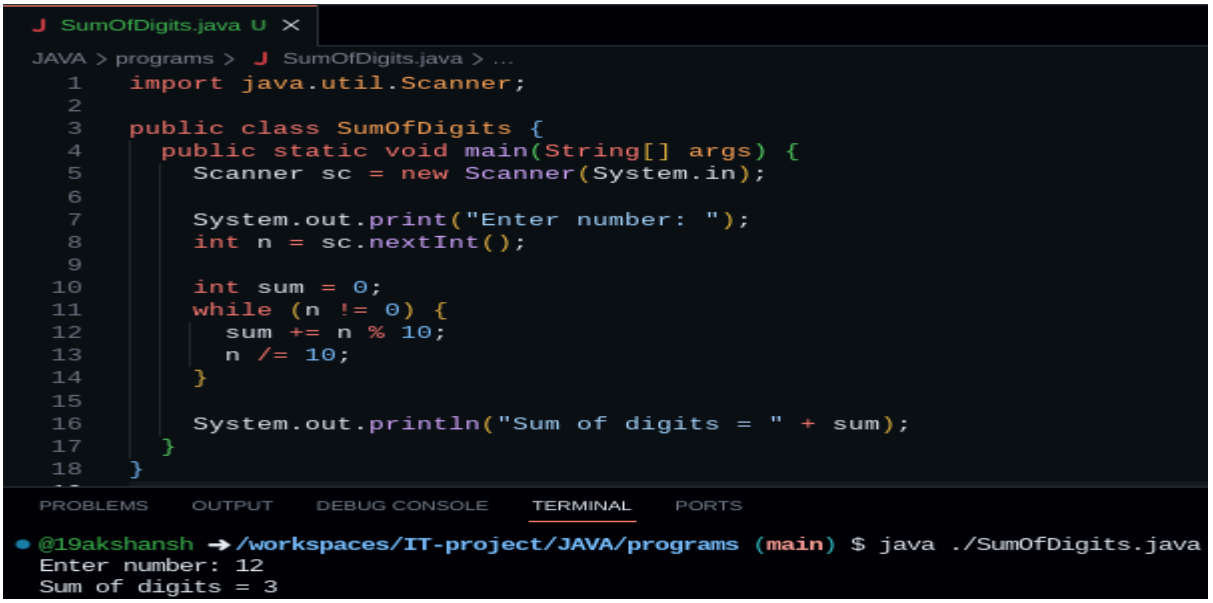
PROGRAM 12:

Receive a Number and Check whether its a Prime number or not.



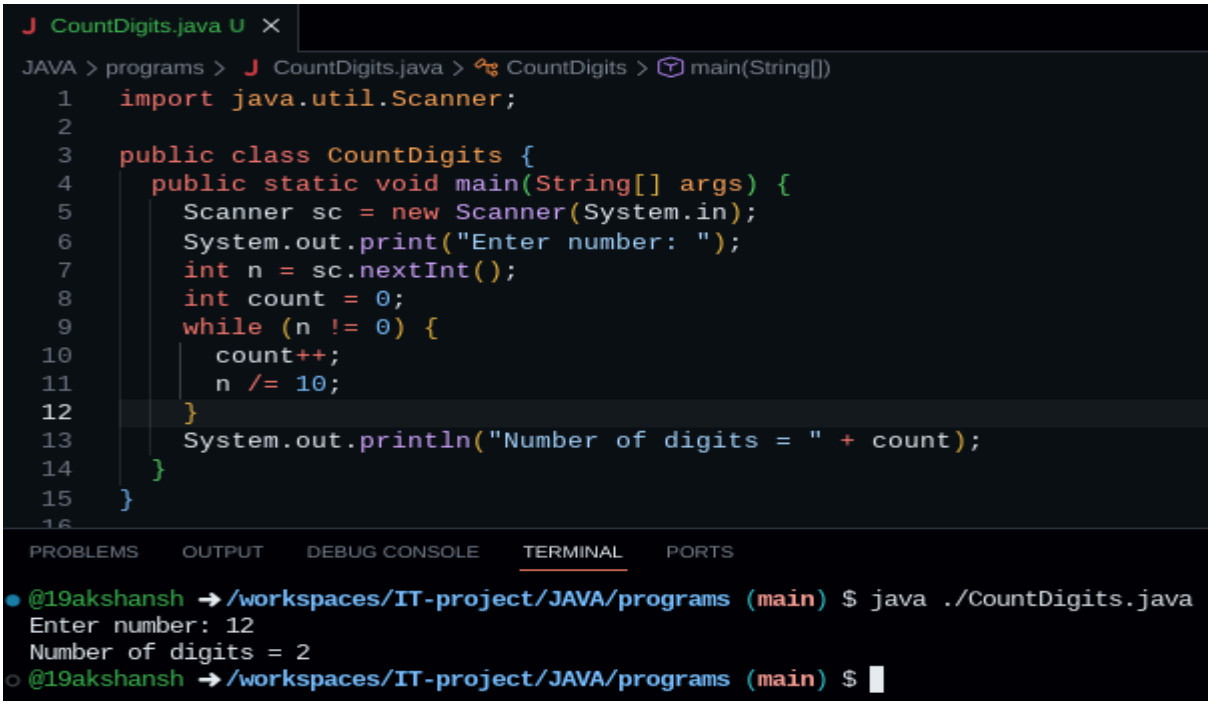
PROGRAM 13:

Receive a Number and provide the sum of its digits.



PROGRAM 14:

Receive a Number and return the number of digits in that number.



PROGRAM 15:

Receive a Number and return its Multiplication Table up to 10 Multiples.