// Wap in java to print hello.

public class HelloWorld {

 public static void main(String[] args) {

 System.out.println(“Hello, World!”);

 }

}

// wap in java for sum of two numbers

public class AddNumbers {

 public static void main(String[] args) {

 int num1 = 5, num2 = 10, sum;

 sum = num1 + num2;

 System.out.println(“Sum of ” + num1 + ” and ” + num2 + ” is: ” + sum);

 }

}

**//Check Even or Odd Number:**

public class EvenOdd {

 public static void main(String[] args) {

 int num = 5;

 if(num % 2 == 0)

 System.out.println(num + ” is even.”);

 else

 System.out.println(num + ” is odd.”);

 }

}

**//Factorial of a Number:**

public class Factorial {

 public static void main(String[] args) {

 int num = 5, factorial = 1;

 for(int i = 1; i <= num; ++i) {

 factorial \*= i;

 }

 System.out.println(“Factorial of ” + num + ” is: ” + factorial);

 }

}

**//Check Leap Year in Java:**

public class LeapYear {

 public static void main(String[] args) {

 int year = 2024;

 if (((year % 4 == 0) && (year % 100 != 0)) || (year % 400 == 0)) {

 System.out.println(year + ” is a leap year.”);

 } else {

 System.out.println(year + ” is not a leap year.”);

 }

 }

}

**//Check Vowel or Consonant in Java:**

public class VowelConsonant {

 public static void main(String[] args) {

 char ch = ‘A’;

 if (ch == ‘a’ || ch == ‘e’ || ch == ‘i’ || ch == ‘o’ || ch == ‘u’

 || ch == ‘A’ || ch == ‘E’ || ch == ‘I’ || ch == ‘O’ || ch == ‘U’) {

 System.out.println(ch + ” is a vowel.”);

 } else {

 System.out.println(ch + ” is a consonant.”);

 }

 }

}