5.

Import java.util.scanner;

public class GreatestOfThree {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

System.out.print("Enter the first number: ");

int num1 = scanner.nextInt();

System.out.print("Enter the second number: ");

int num2 = scanner.nextInt();

System.out.print("Enter the third number: ");

int num3 = scanner.nextInt();

int greatest;

if (num1 >= num2 && num1 >= num3) {

greatest = num1;

} else if (num2 >= num1 && num2 >= num3) {

greatest = num2;

} else

greatest = num3;

}

System.out.println("The greatest of the three numbers is: " + greatest);

scanner.close();

}

}

6.

Class Calculator {

public int add(int a, int b) {

return a + b;

}

}

public class SimpleCalculatorCorrected {

public static void main(String[] args) {

Calculator calc = new Calculator();

int sum = calc.add(5, 10);

System.out.println("The sum is: ‘sum);

}

}

Output

The sum is: 15

7.GCD

Import java.Util.Scanner;

public class GCD {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

System.out.print("Enter two numbers: ");

int a = Scanner.nextInt();

int b = Scanner.nextInt();

while (b != 0) {

int temp = b;

b = a % b;

a = temp;

}

System.out.println("GCD: " + a);

}

}

8.BINARY TO DECIMAL

Import java.util.Scanner;

public class BinaryToDecimal {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

System.out.print("Enter a binary number: ");

String binary = scanner.nextLine();

int decimal = Integer.parseInt(binary, 2);

System.out.println("Decimal equivalent: ‘ decimal);

}

}