1.SumOfTwoNumbers

Import java.util.Scanner;

public class SumOfTwoNumbersCorrected {

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();

int sum = num1 + num2;

System.out.println("The sum of " + num1 + " and " + num2 + " is: " + sum);

scanner.close();

}

}

2.DIVISION PROGRAM

Import java.util.Scanner;

public class DivisionProgramCorrected {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

System.outprint("Enter the numerator: ");

int numerator = scanner.nextInt();

System.out.print("Enter the denominator: ");

int denominator = scanner.nextInt();

if (denominator == 0) {

System.out.println("Error: Division by zero is not allowed.");

} else {

int result = numerator / denominator;

System.out.println("Result: " + result);

}

scanner.close();

}

}

3. Factorial

Import java.util.Scanner;

public class Factorial {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

System.out.print("Enter a positive integer: ");

int number = scanner.nextInt();

long factorial = -1;

for (int i = 1; i <= number; i++) {

factorial \*= i;

}

System.out.println("The factorial of " + number + " is: " + factorial);

scanner.close();

}

}

Output:

Enter a positive integer: 5

The factorial of 5 is: 120

4.

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();

sum = calc.add(5, 10);

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

}