PROGRAM 05

```java
import java.util.Scanner;

public class ExceptionHandling {
        public static void main(String[] args) {
                Scanner scanner = new Scanner (System.in);

                System.out.print("Enter first num: ");
                int num1 = scanner.nextInt();

                System.out.print("Enter second num: ");
                int num2 = scanner.nextInt();

                System.out.println("\nResults: ");

                try {

                        System.out.println("Addition: " + (num1 + num2));
                        System.out.println("Subtraction: " + (num1 - num2));
                        System.out.println("Multiplication: " + (num1 * num2));
                        System.out.println("Division: " + (num1 / num2));

                } catch (ArithmeticException e) {
                        System.out.println("Error: " +e.getMessage());
                } finally {
                        System.out.println("\nExecution Completed!");
                }
        }
}
```

Output - Run (Exceptionhandling) ×

```
Results:
Addition: 10
Subtraction: 10
Multiplication: 0
Error: / by zero

Execution Completed!
------------------------------------------------------------
BUILD SUCCESS
------------------------------------------------------------
```