

Phase-1 Practice Project: Assisted Practice

6. Write a program in Java to demonstrate exception handling

```
package Demo;

import java.util.Scanner;

public class ExceptionHandlingDemo {

    public static void main(String[] args) {

        Scanner scanner = new Scanner(System.in);

        try {

            int x = scanner.nextInt();

            int y = scanner.nextInt();

            int result = x / y;

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

        } catch (ArithmeticException e) {

            System.err.println("Error: " + e.getMessage());

        } catch (Exception e) {

            System.err.println("Error: " + e.getMessage());

        }

        System.out.println("End of the program");

    }

}
```

<terminated> ExceptionHandlingDemo [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe

2 0

Error: / by zero

End of program