

Phase-1 Practice Project: Assisted Practice

4. Write a program in Java to demonstrate try and catch

```
package Demo;

import java.util.Scanner;

public class TryCatch {

    public static void main(String[] args) {

        Scanner scanner = new Scanner(System.in);

        System.out.println("Enter a number: ");

        try {

            int num = scanner.nextInt();

            int result = 10 / num;

            System.out.println("The result is: " + result);

        } catch (ArithmeticException e) {

            System.out.println("Cannot divide by zero!");

        } catch (Exception e) {

            System.out.println("An error occurred: " + e.getMessage());

        }

        scanner.close();

    }

}
```

```
<terminated> TryCatch [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe |
Enter a number:
26
The result is: 0
```

```
<terminated> TryCatch [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe |
Enter a number:
0
Cannot divide by zero!
```