

Practical 6

```
import java.util.Scanner;
```

```
public class ExceptionDemo {  
    public static void main(String[] args) {  
        Scanner sc = new Scanner(System.in);  
  
        try {  
            System.out.print("Enter first number (Num1): ");  
            String num1Str = sc.nextLine();  
            System.out.print("Enter second number (Num2): ");  
            String num2Str = sc.nextLine();  
  
            int num1 = Integer.parseInt(num1Str);  
            int num2 = Integer.parseInt(num2Str);  
  
            int result = num1 / num2;  
            System.out.println("Result of division: " + result);  
  
        } catch (NumberFormatException e) {  
            System.out.println("Error: Invalid input. Please enter valid integers.");  
        } catch (ArithmeticException e) {  
            System.out.println("Error: Division by zero is not allowed.");  
        } catch (Exception e) {  
            System.out.println("Error: " + e.getMessage());  
        }  
    }  
}
```