**CODE:**

package abc;

import java.util.\*;

public class experiment {

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

System.out.println("TYETA10");

System.out.println("Please enter a number: ");

try { //Define the try block of code

int num = sc.nextInt();

int result = 10 / num; //Error may occur

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

}

catch (ArithmeticException e) { //catch block to catch arithmetic exception

System.out.println("Exception caught: " + e);

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

}

catch (Exception e) { //catch block to catch any other exception

System.out.println("Exception caught: " + e);

System.out.println("Invalid input.");

}

}

}

**OUTPUT:**

