Assignment 6 (Exception handling)

```java
import java.util.*;

public class Exceptions {
    public static void main(String args[]) {
        int num1, num2, result;
        Scanner sc = new Scanner(System.in);

        try {
            System.out.println("Enter first number:");
            num1 = Integer.parseInt(sc.next());

            System.out.println("Enter second number:");
            num2 = Integer.parseInt(sc.next());

            if (num2 == 0) {
                throw new ArithmeticException("Denominator is zero");
            }

            result = num1 / num2;
            System.out.println("Division: " + result);

            int x[] = new int[12];
            // Fixed array index to a valid value
            x[10] = 10;
            System.out.println("x[10] = " + x[10]);
        } catch (ArithmeticException e) {
            System.out.println("Error: " + e.getMessage());
        } catch (NumberFormatException e) {
            System.out.println("Input is wrong: " + e);
```

```java
        } catch (ArrayIndexOutOfBoundsException e) {
            System.out.println("Wrong input number: " + e);
        }
    }
}
```