

Assignment 06 - OOPL (Code)

//Code performed by Pranit Zambre, Roll Number: 19.

import java.util.*;

class Main {

public static void main(String [] args) {

double num1, num2, result;

Scanner sc = new Scanner(System.in);

try {

System.out.println("Division. \n");

System.out.println("1st Number: ");

num1 = sc.nextInt();

System.out.println("2nd Number: ");

num2 = sc.nextInt();

result = num1/num2;

System.out.println("Division = " + result);

System.out.println("Can't divide by ZERO! \n");

**System.out.println("int x[] = new int[10] \nx[11]
= 69");**

```
        int x[] = new int[10];
        x[11] = 69;
    }

    catch(ArithmeticException e) {
        System.out.println("Can't divide by ZERO! \n" +
e);
    }

    catch(NumberFormatException e) {
        System.out.println("Wrong input! \n" + e);
    }

    catch(ArrayIndexOutOfBoundsException e) {
        System.out.println("This is an Array Index Out
Of Bounds Exception! \n" + e);
    }
}
```

OUTPUT

Division.

**1st Number:
69420**

**2nd Number:
0**

**Division = Infinity
Can't divide by ZERO!**

**int x[] = new int[10]
x[11] = 69**

This is an Array Index Out Of Bounds Exception!

**java.lang.ArrayIndexOutOfBoundsException: Index 11
out of bounds for length 10**

**Program finished with exit code 0.
Press ENTER to exit the console.**

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