

Nama : Taufik Hidayat

NIM : 301200032

Kelas : IF Regular

Mata kuliah : Pemrograman Berorientasi Objek

Exception Handling pada Java

Source Code:

```
1 package ExceptionHandling;
2
3 import java.util.Scanner;
4
5 public class Main {
6     public static int tambah(int x, int y) {
7         return x + y;
8     }
9
10    public static void main(String[] args) {
11        Scanner in = new Scanner(System.in);
12
13        System.out.println("===== PROGRAM PENJUMLAHAN =====");
14
15        while (true) {
16            try {
17                System.out.print("Masukkan angka pertama : ");
18                int x = in.nextInt();
19
20                System.out.print("Masukkan angka kedua : ");
21                int y = in.nextInt();
22
23                int hasil = tambah(x, y);
24
25                System.out.println(
26                    "===== Hasil =====\n" +
27                    x + " + " + y + " = " + hasil + "\n" +
28                    "=====");
29
30            };
31            break;
32        } catch (java.util.InputMismatchException ex) {
33            in.nextLine();
34            System.out.println(
35                "\nInput tidak valid!\n" +
36                "Mohon masukkan bilangan bulat\n");
37        };
38    }
39 }
40 in.close();
41 }
42 }
43 }
```

Output:

```
===== PROGRAM PENJUMLAHAN =====  
Masukkan angka pertama : taufik  
  
Input tidak valid!  
Mohon masukkan bilangan bulat  
  
Masukkan angka pertama : 17  
Masukkan angka kedua   : 29  
===== Hasil =====  
17 + 29 = 46  
=====
```