

```

1 import java.util.InputMismatchException;
2 import java.util.Scanner;
3
4 public class TryCatchNotes {
5
6     public static void main(String[] args) {
7
8         //When code is likely to break use a try/catch statement
9         // Any code inside the try will be attempted.
10        // Code inside the catch is what runs if the try results in an error
11
12        Scanner textScan = new Scanner(System.in);
13        Scanner numScan = new Scanner(System.in);
14
15        while(true) {
16            try {
17                System.out.println("Please type a number...");
18                int num = numScan.nextInt();
19                System.out.println(num);
20                break;
21            }
22            catch(InputMismatchException e) {
23                System.out.println("Not a number...");
24                numScan.next();
25            }
26        }
27
28
29        while(true) {
30            try {
31                System.out.println("Please type a number...");
32                int num = Integer.parseInt(numScan.nextLine()); // use parsing rather than rely on the scanner
33                System.out.println(num);
34                break;
35            }
36            catch(NumberFormatException e) { // use the specific kind of error you expect.
37                System.out.println("Not a number...");
38            }
39        }
40
41
42
43    }
44
45 }
46

```