

EXCEPTION

HANDLING

```
public class ExceptionEx1 {
    public static void main(String[] args) {
        int[] nums={3, 2, 6, 1};
        badUse(nums);
    }
    public static void badUse(int[] vals) {
        int total=0;
        for (int i=0; i<vals.length; i++) {
            int index=vals[i];
            if (index >= 0 && index < vals.length) {
                total += vals[index];
            } else {
                System.out.println("Index " + index + " is out of bounds.");
            }
        }
        System.out.println("Total: " + total);
    }
}
```

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Main.java

Run

Clear

```
1 public class ExceptionEx1 {  
2     public static void main(String[] args) {  
3         int[] nums={3, 2, 6, 1};  
4         badUse(nums);  
5     }  
6     public static void badUse(int[] vals) {  
7         int total=0;  
8         for (int i=0; i<vals.length; i++) {  
9             int index=vals[i];  
10            if (index >= 0 && index < vals.length) {  
11                total += vals[index];  
12            } else {  
13                System.out.println("Index " + index + " is out of bounds.");  
14            }  
15        }  
16        System.out.println("Total: " + total);  
17    }  
18 }
```

```
java -cp /tmp/Oy4wpi6V5K/ExceptionEx1  
Index 6 is out of bounds.  
Total: 9  
|  
=== Code Execution Successful ===
```

94°F
Mostly cloudy

Search

ENG
IN

13:04
22-07-2024

```
java -cp /tmp/Oy4wpi6V5K/ExceptionEx1  
Index 6 is out of bounds.  
Total: 9  
|  
=== Code Execution Successful ===
```