EXCEPTION HANDLING

```java
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);
    }
}
```

Main.java

Output

Clear

```java
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);
    }
}
```

```
java -cp /tmp/0y4wpi6V5K/ExceptionEx1
Index 6 is out of bounds.
Total: 9

=== Code Execution Successful ===
```

java -cp /tmp/0y4wpi6V5K/ExceptionEx1

Index 6 is out of bounds.

Total: 9

=== Code Execution Successful ===

');