

Problem 3: you are given an array of 'N' integers. You need to find the length of the longest sequence which contains the consecutive elements. def

```
longestConsecutive(nums):
```

```
    numSet = set(nums)
```

```
    maxLen = 0
```

```
    for num in nums:
```

```
        if num - 1 not in numSet:
```

```
            currLen = 1
```

```
            while num + 1 in numSet:
```

```
                num += 1
```

```
                currLen += 1
```

```
            maxLen = max(maxLen, currLen)
```

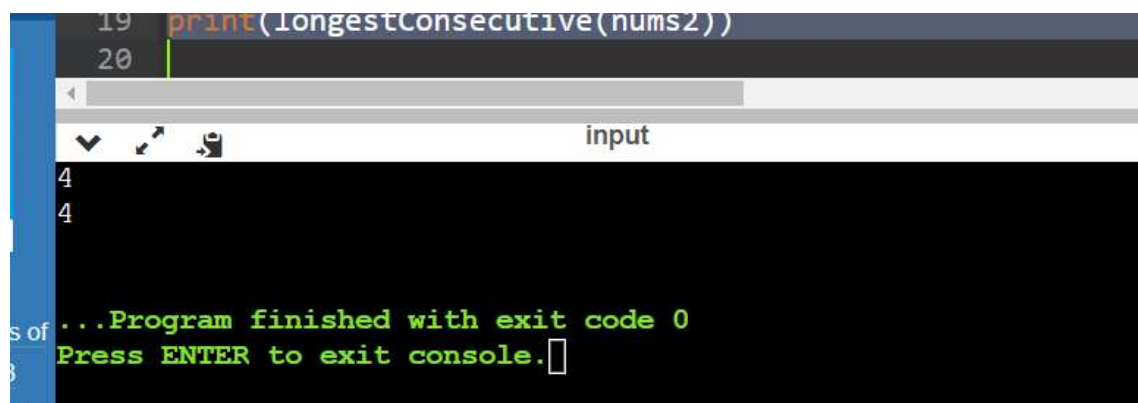
```
    return maxLen
```

```
nums1 = [100, 200, 1, 3, 2, 4]
```

```
print(longestConsecutive(nums1))
```

```
nums2 = [3, 8, 5, 7, 6]
```

```
print(longestConsecutive(nums2))
```



```
19 print(longestConsecutive(nums2))
20
```

input

4

4

...Program finished with exit code 0

Press ENTER to exit console.