

Longest Consecutive Sequence

Given an unsorted array of integers, find the length of the longest consecutive elements sequence.

Given `[100, 4, 200, 1, 3, 2]`,

The longest consecutive elements sequence is `[1, 2, 3, 4]`. Return its length: `4`.

class Solution:

```
"""
```

```
@param num, a list of integer
```

```
@return an integer
```

```
"""
```

```
def longestConsecutive(self, num):
```

```
    # write your code here
```

```
    num.sort
```

```
    max = 1
```

```
    tmp = 1
```

```
    l = num[0]
```

```
for n in num:
```

```
    if (l == n):
```

```
        continue
```

```
    elif (n - l == 1):
```

```
        tmp += 1
```

```
    else:
```

```
        if tmp > max:
```

```
            max = tmp
```

```
            tmp = 1
```

```
        l = n
```

```
if tmp > max:
```

```
    max = tmp
```

```
return max
```