List Statistics

Problem	Submissions	Leaderboard	Discussions

Submitted 2 days ago • Score: 10.00   Status: Accepted

✔	Test Case #0	✔	Test Case #1	✔	Test Case #2
✔	Test Case #3	✔	Test Case #4	✔	Test Case #5
✔	Test Case #6	✔	Test Case #7	✔	Test Case #8
✔	Test Case #9				

Submitted Code

Language: Python 3   ⚑ Open in editor

```python
# ALL THE BEST!!!
def valid_list(list):
    count = 0
    for i in list:
        if type(i)!=int:
            count +=1
    if list==[] or count>0 :
      return ("Invalid input")
    else:
      return ("Valid input")
```

```python
1  # ALL THE BEST!!!
2  def valid_list(list):
3      count = 0
4      for i in list:
5          if type(i)!=int:
6              count +=1
7      if list==[] or count>0 :
8        return ("Invalid input")
9      else:
10       return ("Valid input")
11    # Enter your code for valid_list here.
12
13 def unique_nums(list):
14     l=[]
15     for i in range(len(list)):
16         if list[i] not in l:
17             l.append(list[i])
18     print(len(l))
19    # Enter your code for unique_nums here.
20
21 def smallest_num(list):
22     n = len(list)
23     for i in range(n):
24         for j in range(0, n-i-1):
25             if list[j] > list[j+1]:
26                 list[j], list[j+1] = list[j+1], list[j]
27     print(list[0])
28    # Enter your code for smallest_num here.
29
30
31 def largest_num(list):
32     n = len(list)
33     for i in range(n):
34         for j in range(0, n-i-1):
35             if list[j] > list[j+1]:
36                 list[j], list[j+1] = list[j+1], list[j]
37     print(list[-1])
38    # Enter your code for largest_num here.
39
```

```
35            if list[j] > list[j+1]:
36                list[j], list[j+1] = list[j+1], list[j]
37        print(list[-1])
38    # Enter your code for largest_num here.
39
40 def avg_list(list):
41        avg=sum(list)/len(list)
42        print(int(avg))
43    # Enter your code for avg_list here.
44
45 # Do not change any code from here onwards.
46 n = int(input())
47 nums = []
48
49 for i in range(n):
50        inp = input()
51
52        if inp.replace('-', '').isnumeric():
53            nums.append(int(inp))
54
55        else:
56            nums.append(inp)
57
58 valid = valid_list(nums)
59
60 if valid == 'Invalid input':
61        print(valid)
62
63 else:
64        unique_nums(nums)
65        smallest_num(nums)
66        largest_num(nums)
67        avg_list(nums)
68
```