In [1]:
```
#declaring the variable that accepts the specified number of inputs and pops up error when condition is violated
num_input = int(input())
x = list(map(float, input("Enter desired multiple values with space inbetween: ").split()))
if len(x) <= num_input:
        print("List of input values: ", x)
else:
    print ("input values greater than number of specified input")
```

```
5
Enter desired multiple values with space inbetween: 19 16 17 38 98
List of input values:  [19.0, 16.0, 17.0, 38.0, 98.0]
```

In [2]:
```
#to divide every number in your_list by the maximum number in the list
div_list = [item/ max(x) for item in x]
print("number of total inputs:",num_input)
print("result of dividing by the maximum number in the list:")
for i in div_list:
    print("{:.2f}".format(i))
```

```
number of total inputs: 5
result of dividing by the maximum number in the list:
0.19
0.16
0.17
0.39
1.00
```

In [ ]:
```

```

In [3]:
```
#declaring the variable that accepts the specified number of inputs and pops up error when condition is violated
num_input2 = int(input())
x2 = list(map(float, input("Enter desired multiple values with space inbetween: ").split()))
if len(x2) <= num_input2:
        print("List of input values: ", x2)
else:
    print ("input values greater than number of specified input")
```

```
5
Enter desired multiple values with space inbetween: 10 19 67 28 36
List of input values:  [10.0, 19.0, 67.0, 28.0, 36.0]
```

In [21]:
```
# getting the last value of the list as a threshold
threshold = x2[-1:]
print("threshold:",threshold)
```

```
threshold: [36.0]
```

In [23]:
```
# outputing all integers less than or equal to the last threshold value
print ("integers less than or equal to the last threshold value")
for a in x2:
    if a <= i in threshold:
        print (a)
    else:
        continue
```

```
integers less than or equal to the last threshold value
10.0
19.0
28.0
36.0
```

In [ ]:
```

```