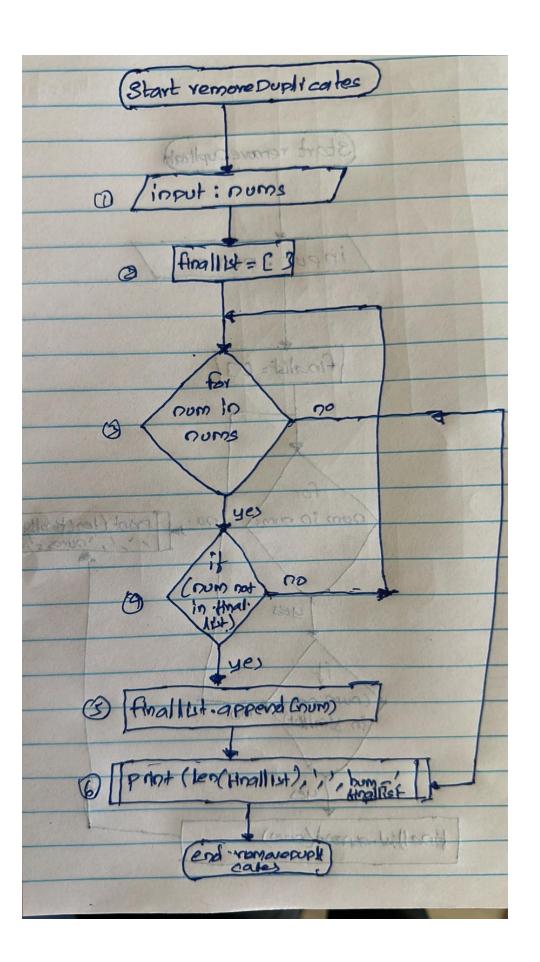
```
Sravan kumar reddy chethireddy
```

19720cs

Please create a Python program using "for" loop to solve LeetCode's $\underline{26. \text{ Remove}}$ $\underline{\text{Duplicates from Sorted Array}}$ question with the test case "Input: nums = [1,1,2], Output: 2, nums = [1,2]"

```
Q2) def removeDuplicates(nums:list):
    finallist=[]
    for num in nums:
        if num not in finallist:
            finallist.append(num)
    print(len(finallist),',','nums = ',finallist)

removeDuplicates([1,1,2])
```



Tracetable:

Step	input	thallist	במטח חו חשח	num not to Hnathist	Kndllst-append(num)	sceen
1	[1)23					
2		?				
3			1			
4				True		
5			A		(1)	
3			1			
4				False.		
3			2	4		
				True		
4					(61,2)	
5						2, 17

Testing

