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CAVEHILL CAMPUS

SWEN1000 Lab Exercise [15 Marks]

Due: October 6th 2024

1.

```
def find_min_and_max(lst):
    min=99999
    max=0
    for i in range(len(lst)):

        if max < lst[i]:
            max=lst[i]
        if min > lst[i]:
            min=lst[i]

    return min, max

#lst=list(map(int, input("Enter a list of numbers: ").split()))
- To input your own list
lst=[10, 43, 109, 104, 30, 193, 21, 8]
result = find_min_and_max(lst)
print(result)
```

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2.

```
def even_num():
    even_nums = []
    lst=list(map(int, input("Enter a list of numbers:
").split()))
    for i in range(len(lst)):
        if lst[i] % 2 ==0:
            even_nums.append(lst[i])

    return even_nums



result = even_num()
print(result)
```

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3.

```
def remove_duplicates(lst):
    new_list = []
    for i in range(len(lst)):
        print(lst[i])
        if lst[i] not in new_list:
            new_list.append(lst[i])
    return(new_list)

lst = input("Enter a list of numbers: ").split()
print(remove_duplicates(lst))
```