```python
# Q1. Write a Python program to find the second largest number in a
list
def secmaxi(var):
    maxi=0
    secmaxi=0

    for x in var:
        if(x>maxi):
            secmaxi=maxi
            maxi=x
        elif (x > secmaxi and x!=maxi):
            secmaxi=x

    return secmaxi

mylist = [10, 15, 2]
print("Second Largest:", secmaxi(mylist))
```

```
Second Largest: 10
```

```python
mylist = [0,5,5,7,9,4,1,2]
print("Second Largest:", secmaxi(mylist))
```

```
Second Largest: 7
```

```python
# Q2. Write a Python program to print duplicates from a list of
integers
mylist = [40, 50, -20, 60, 60, -20, -20]
duplicate = []
a = []

for x in mylist:
    if x in a and x not in duplicate:
        duplicate.append(x)
    else:
        a.append(x)

print(duplicate)
```

```
[60, -20]
```

```python
mylist = [-7,-1,-7,1,8,8]
duplicate = []
a = []

for x in mylist:
    if x in a and x not in duplicate:
        duplicate.append(x)
    else:
        a.append(x)
```

```
print(duplicate)
```

```
[-7, 8]
```

```
# Q3. Write a Python function which takes a list as an argument and
find Cumulative sum of a list
#Cumulative sums, or running totals, are used to display the total sum
of data as it grows with time
num = [10, 20, 30, 40, 50]
sum = []
total = 0

for x in num:
    total += x
    sum.append(total)

print(sum)
```

```
[10, 30, 60, 100, 150]
```