

```
numbersList = [23, 25, -43, 0, -56]
```

```
sumofnumbers = 0
```

```
for no in numbersList:
```

```
    sumofnumbers = sumofnumbers + no ✓
```

sumofnumbers = 23 + 25

```
print(sumofnumbers) ✓
```

-51 ✓

no

23

25

-43

0

-56

sumofnumbers

$0 + 23 = 23$

$23 + 25 = 48$

$48 - 43 = 5$

$5 + 0 = 5$

$5 - 56 = -51$



Max No In which direction
 \Rightarrow Right

$[-50, 10, 3, -500]$

Comparison

$[-5, -500, -2, -5000]$ ✓

✓ $[\]$ highest No?
empty List

$len([\]) == 0$
 $if [\] \leftarrow$ False equivalent


```
x = [23, 25, -43, 0, -56]
```

```
if x:
```

```
    maximum_no = x[0]
```

```
    for no in x:
```

```
        if no > maximum_no:
```

```
            maximum_no = no
```

```
    print(maximum_no)
```

```
else:
```

```
    print('empty list')
```

25

```
x = [-5000, -5000000, -1] ✓
```

```
if x:
```

```
    maximum_no = x[0]
```

```
    for no in x:
```

```
        if no > maximum_no:
```

```
            maximum_no = no
```

```
    print(maximum_no)
```

```
else:
```

```
    print('empty list')
```

-1

? if x = []
if [] ← False

maximum_no no

23 < 23

23 < 25

25 < -43

25 < 0

25 < -56

25 ✓

maximum_no no

-5000 < -5000

-5000 < -5000000

-5000 < -1

-1 ✓