

```
print('Hey I am after the if else conditions')
```

happy that I found 2

Hey I am after the if else conditions

• [49]: *# 4 spaces here are indentation which is used to separate or notify a code block*

```
x = 2
```

```
if x == 4:
```

```
    print('x is 4')
```

```
print('party')
```

```
if x == 2:
```

```
    print('x is 2')
```

party

x is 2

[]:

if x == 4:

print("happy")

4 spaces x = 32

} Code block


```
[61]: numbers = [34, 45, 123, 554]
      for num in numbers:
          print(num+1000)
          print("mango")
```

num num num num

colon

Code Block

4 spaces
Indentation

1034
mango
1045
mango
1123
mango
1554
mango

1034
mango
1045
mango
1123
mango
1554
mango

numbers = [340, 45, 123, 554]

maximum_number = float('-inf')

for num in numbers:

print('num', num)

if num > maximum_number:

maximum_number = num

print('now max num is', maximum_number)

print(maximum_number)

num 340

now max num is 340

num 45

now max num is 340

num 123

now max num is 340

num 554

now max num is 554

554

Code block
of if condition

Code Block
of for loop

maximum_number
= 340

maximum_number
= 554

Big Numbers

$[-1000, -2k, -3m]$

