Engineering Animuthyam

## Python DSA – Course Part -2

Hello machas, Bagunnara.

Animuthyam ki oka problem ochindhi

Animuthyam mundhala chala boxes unai lakhs of boxes, oko box lo oko number undhi. Ayithe oka merchant aa boxes lo eni number of "1" unai oo chepthe money istha anadu.

Arrays, For Loop

**Why Arrays**

Incase

```
number1 = 1
number2 = 4
number3 = 8
number4 = 7
number5 = 0
print(number1)
print(number2)
print(number3)
print(number4)
print(number5)
```
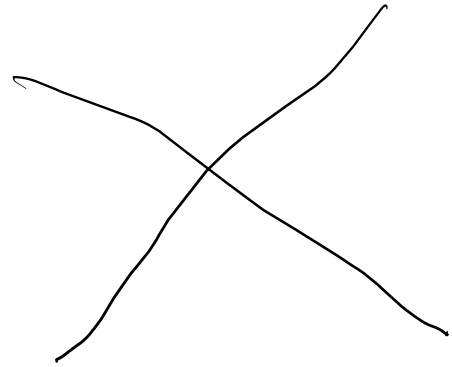
```
numbers = [1, 4, 8, 7, 0]
print(numbers[0])
print(numbers[1])
print(numbers[2])
print(numbers[3])
print(numbers[4])
```

→ 1
→ 4
  8
→
→ 7
→ 0

1	4	8	7	0	← values

0   1   2   3   4 ← index indices
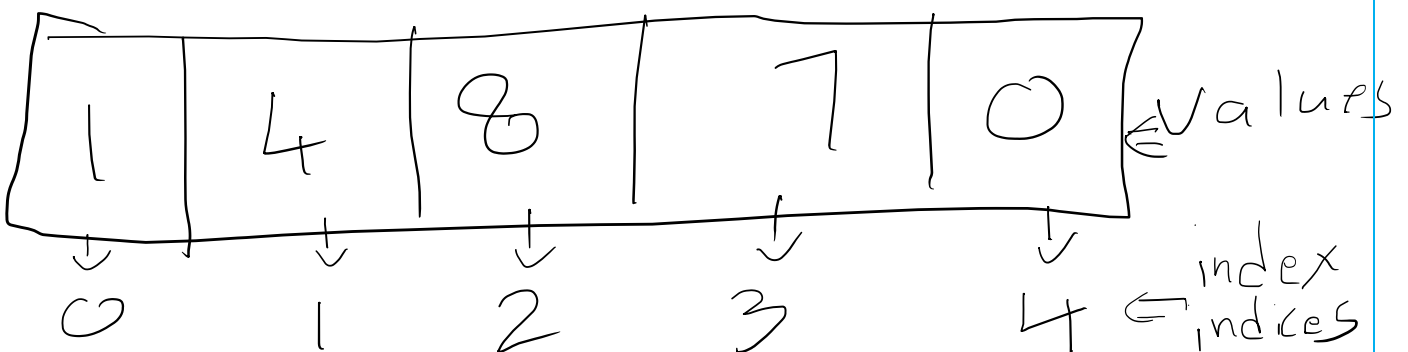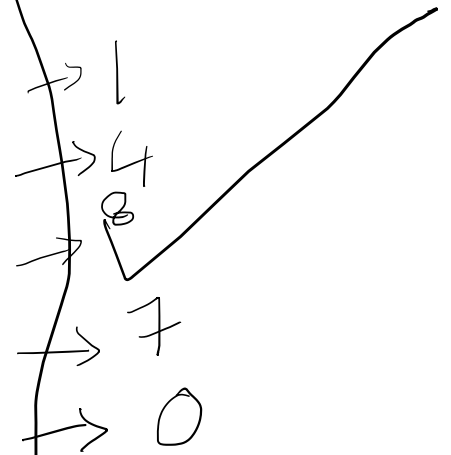
String Array

```
names= { "Boom", "Anvi", "nikhil", "ram" }

print(names[0])

print(names[1])

print(names[2])

print(names[3])
```

Why For Loops

```
names= [ "Boom", "Anvi", "nikhil", "ram" ];

for i in range(4):

    print(names[i])



or



for val in names:

    print(val)
```