

# Engineering Animuthyam

## DSA – Course Part -2

Course Link:

<https://www.youtube.com/playlist?list=PLjzLBp9HHZWWhVXBSPS1VqxXXDoVk07gd9>

Website Link:

<https://www.vigneshreddyjulakanti.in/>

Hello machas, Bagunnara.

**Animuthyam ki oka problem ochindhi**

3 2 1 0 9 8 3 1 0 1 2 ..... 1 2

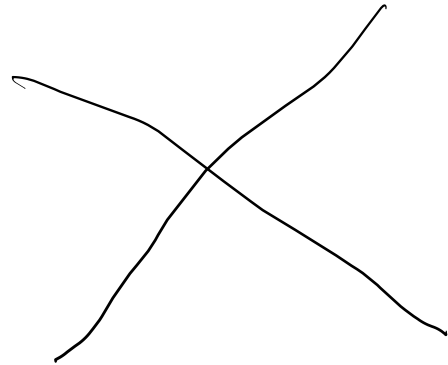
Animuthyam mundhala chala boxes unai lakhs of boxes, oko box lo oko number undhi. Ayithe oka merchant aa boxes lo eni number of "1" unai oo chepthe money istha anadu.

**Arrays, For Loop**

**Why Arrays**

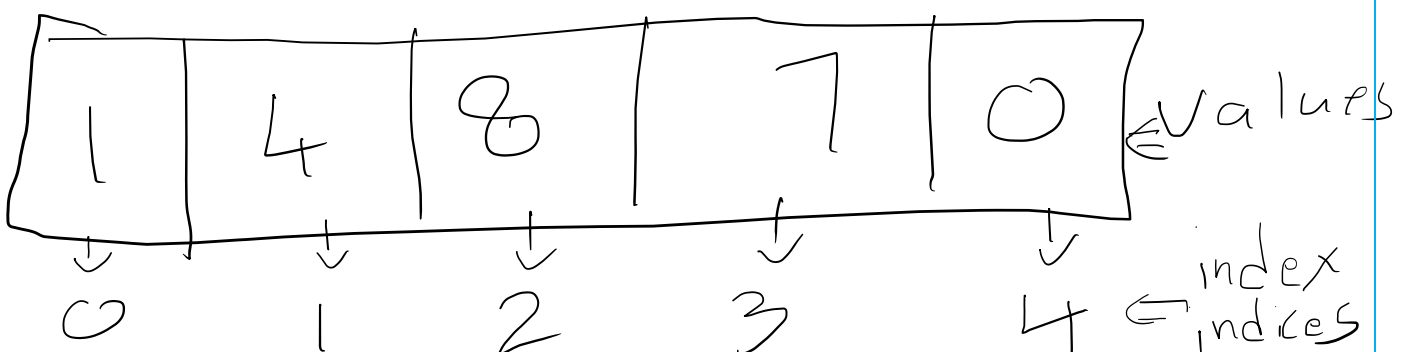
**Incase**

```
int number1 = 1;
int number2 = 4;
int number3 = 8;
int number4 = 7;
int number5 = 0;
System.out.println(number1);
System.out.println(number2);
System.out.println(number3);
System.out.println(number4);
System.out.println(number5);
```



```
int numbers[]={1, 4, 8, 7, 0};
System.out.println(numbers[0]);
System.out.println(numbers[1]);
System.out.println(numbers[2]);
System.out.println(numbers[3]);
System.out.println(numbers[4]);
```

→ 1  
→ 4  
→ 8  
→ 7  
→ 0



# String Array

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

```
System.out.println(names[0]);
```

```
System.out.println(names[1]);
```

```
System.out.println(names[2]);
```

```
System.out.println(names[3]);
```

## Why For Loops

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

```
for(int i=0;i<4;i++){
```

```
    System.out.println(names[i]);
```

```
}
```