

# Engineering Animuthyam

## Python DSA – Course Part -3

Course Link:

<https://www.youtube.com/playlist?list=PLjzLBp9HHZWijrhfJzTAEbwDpQIfUXtwP>

Website Link:

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

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.

```
arr=[3,2,1,5,7,8,1,4,1,2,1,4,6]
```

```
ans=0
```

```
for i in range(len(arr)):
```

```
    if(arr[i]==1):
```

```
        ans=ans+1
```

```
print(ans)
```

## Animuthyam ki Inko problem ochindhi

Animuthyam mundhu koni boxes with numbers unai same as above ippudu, andhulo eni numbers 3 tho crt ga divide aythai ani chepali.

### Modulus

$$6\%3=0$$

$$5\%3=2$$

$$4\%3=1$$

$$3\%3=0$$

```
arr=[ 3,2,1,5,7,8,1,4,1,2,1,4,6 ]
```

```
ans=0
```

```
for i in range(len(arr)):
```

```
    if(arr[i]%3==0):
```

```
        ans=ans+1
```

```
print(ans)
```

Ans

## Animuthyam ki Inko problem ochindhi

Animuthyam mundhu koni boxes with numbers unai same as above ippudu, andhulo eni numbers 3 tho or 2 tho crt ga divide aythai ani chepali.

OR => or

And => and

```
arr=[ 3,2,1,5,7,8,1,4,1,2,1,4,6 ]  
ans=0  
for i in range(len(arr)):  
    if(arr[i]%3==0 or arr[i]%2==0):  
        ans=ans+1  
print(ans)
```

Ans

## Animuthyam ki Inko problem ochindhi

Animuthyam mundhu koni boxes with numbers unai same as above ippudu, andhulo eni numbers 3 tho and 2 tho crt ga divide aythai ani chepali.

```
arr=[ 3,2,1,5,7,8,1,4,1,2,1,4,6 ]  
ans=0  
for i in range(len(arr)):  
    if(arr[i]%3==0 and arr[i]%2==0):  
        ans=ans+1  
print(ans)
```

Ans