

Engineering Animuthyam

DSA – Course Part -3

Course Link:

<https://www.youtube.com/playlist?list=PLjzLBp9HHZWhVXBSPS1VqxXXDoVkJ07gd9>

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.

```
int arr[]={ 3,2,1,5,7,8,1,4,1,2,1,4,6};
```

```
int ans=0;
```

```
for(int i=0;i< arr.length;i++){
```

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

```
        ans=ans+1;
```

```
    }
```

```
}
```

```
System.out.println(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

$$6\%3=0$$

$$5\%3=2$$

$$4\%3=1$$

$$3\%3=0$$

```
int arr[]={ 3,2,1,5,7,8,1,4,1,2,1,4,6};  
int ans=0;  
for(int i=0;i<arr.length;i++){  
    if(arr[i]%3==0){  
        ans=ans+1;  
    }  
}  
System.out.println(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 => ||

And => &&

```
int arr[]={ 3,2,1,5,7,8,1,4,1,2,1,4,6};  
int ans=0;  
for(int i=0;i<arr.length;i++){  
    if(arr[i]%3==0 || arr[i]%2==0){  
        ans=ans+1;  
    }  
}  
System.out.println(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.

```
int arr[]={ 3,2,1,5,7,8,1,4,1,2,1,4,6};  
int ans=0;  
for(int i=0;i<arr.length;i++){  
    if(arr[i]%3==0 && arr[i]%2==0){  
        ans=ans+1;  
    }  
}  
System.out.println(ans);
```

Ans