

Engineering Animuthyam

Java DSA – Course Part -8

Course Link:

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

Website Link:

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

Hello machas, Bagunnara.

Animuthyam ki oka problem ochindhi

Animuthyam mundhala chala janalu unaru rakhilu katukoni, ayithe highest number of rakhis eni unai oka chethuke ani kanipetali

[5, 8 ,10, 11, 50, 15, 20, 25]

```
class HelloWorld {  
    public static void main(String[] args) {  
        int arr[]= {5, 8, 10, 11, 50, 15, 20, 25};  
        int ans=0;  
        for(int i=0;i<arr.length;i++){  
            ans=Math.max(ans,arr[i]);  
        }  
        System.out.println(ans);  
    }  
}
```

`Math.max(a,b);` // Max return chesthundhi a rendu values lo

`Math.min(a,b);` // Min return chesthundhi a rendu values lo

Leetcode Problem

<https://leetcode.com/problems/maximum-number-of-words-found-in-sentences/>

```
class Solution {
    public int mostWordsFound(String[] sentences) {
        int ans=0;
        for(int i=0;i<sentences.length;i++){
            int tempsize = 0;
            for(int j=0;j<sentences[i].length();j++){
                if(sentences[i].charAt(j)==' '){
                    tempsize++;
                }
            }
            ans = Math.max(ans,tempsize+1);
        }
        return ans;
    }
}
```

Leetcode Problem

<https://leetcode.com/problems/find-maximum-number-of-string-pairs/>

```
class Solution {
    public String reverse(String s){
        String ans="";
        for(int i=s.length()-1;i>=0;i--){
            ans = ans + s.charAt(i);
        }
        return ans;
    }
    public int maximumNumberOfStringPairs(String[] words) {
        int ans=0;
        int n=words.length;
        for(int i=0;i<n;i++){
            for (int j=i+1;j<n;j++){
                String a=words[i];
                String b=words[j];
                if(!b.equals("0")){
                    String revb=reverse(b);
                    if(a.equals(revb)){
                        ans++;
                        words[j]="0";
                        break;
                    }
                }
            }
        }
    }
}
```