

# Engineering Animuthyam

## Java DSA – Course Part -6

Course Link:

<https://www.youtube.com/playlist?list=PLjzLBp9HHZWhVXBSPS1VqxXXDoVk07gd9>

Website Link:

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

Hello machas, Bagunnara.

Leetcode platform lo problems solve cheyadaniki  
Ready aa.

<https://leetcode.com/problems/score-of-a-string/description/>

Kothaga nerchukovalsina basic concepts:

ASCII values

absolute difference

adjacent characters.

Character Datatype

Typecasting

```
char ch= 'a';
```

```
int n=-1;
```

```
if(n<0){
```

```
    n=n*-1;
```

```
}
```

```
System.out.println(n);
```

```
System.out.println(Math.abs(-1));
```

## TypeCasting

```
System.out.println((int)'a');
```

```
int vara='a';
```

```
System.out.println(vara);
```

```
int varb='b';
```

```
int varc='c';
```

```
System.out.println(varc-varb);
```

```
System.out.println('c'-'b');
```

```
System.out.println('c' + 'b');
```

```
System.out.println("c" + 'b');
```

## Leetcode problem Solution

```
class Solution {  
    public int scoreOfString(String s) {  
        int ans=0;  
        for(int i=0;i<s.length()-1;i++){  
            int first = s.charAt(i);  
            int second = s.charAt(i+1);  
            int temp = Math.abs(second-first);  
            ans=ans+temp;  
        }  
        return ans;  
    }  
}
```

```
class Solution {  
    public int scoreOfString(String s) {  
        int ans=0;  
        for(int i=0;i<s.length()-1;i++){  
            ans=ans+ Math.abs(s.charAt(i+1)-s.charAt(i));  
        }  
        return ans;  
    }  
}
```