

# Engineering Animuthyam

## Java DSA – Course Part - 23

### Sliding Window and Two Pointers

Course Link:

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

Website Link:

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

Hello machas, Bagunnara.

Sub string.

Sub array.

Sub sequence.

Animutyam Problem.

Highest sum of subarray of length 3 in below array.

[5,9,1,8,7]

```
class HelloWorld {  
    public static void main(String[] args) {  
        int l=0;  
        int []arr={5,9,1,8,7};  
        int ans = 0;  
        int temp = 0;  
        for(int r=0;r<arr.length;r++){  
            temp += arr[r];  
            if(r-l==3){  
                temp -= arr[l];  
                l+=1;  
            }  
            ans= Math.max(ans,temp);  
        }  
        System.out.println(ans);  
    }  
}
```