

## **DAILY ONLINE ACTIVITIES SUMMARY**

<b>Date:</b>	<b>03/06/2020</b>	<b>Name:</b>	<b>Mithun Kumar D</b>
<b>Sem &amp; Sec</b>	<b>VIII Semester &amp; A section</b>	<b>USN:</b>	<b>4AL16CS053</b>
<b>Online Test Summary</b>			
<b>Subject</b>	<b>N/A</b>		
<b>Max. Marks</b>	<b>-</b>	<b>Score</b>	<b>-</b>
<b>Certification Course Summary</b>			
<b>Course</b>	<b>AWS Cloud Practitioner Essentials(Second Edition):Pricing and support</b>		
<b>Certificate Provider</b>	<b>AWS</b>	<b>Duration</b>	<b>30 mins</b>
<b>Coding Challenges</b>			
<b>Problem Statement: Program1) Write a program to print all the LEADERS in the array. An element is leader if it is greater than all the elements to its right side. And the rightmost element is always a leader.</b>			
<b>Status: COMPLETED</b>			
<b>Uploaded the report in Github</b>		<b>YES</b>	
<b>If yes Repository name</b>		<b>mkd18</b>	
<b>Uploaded the report in slack</b>		<b>YES</b>	

## Certification Course Details:



## Coding Challenges Details:

Program1) Write a program to print all the LEADERS in the array. An element is leader if it is greater than all the elements to its right side. And the rightmost element is always a leader.

For example int the array {16, 17, 4, 3, 5, 2}, leaders are 17, 5 and 2.

```
class LeadersInArray
{
    void printLeaders(int arr[], int size)
    {
        for (int i = 0; i < size; i++)
        {
            int j;
            for (j = i + 1; j < size; j++)
            {
                if (arr[i] <= arr[j])
                    break;
            }
            if (j == size)
                System.out.print(arr[i] + " ");
        }
    }

    public static void main(String[] args)
    {
        LeadersInArray lead = new LeadersInArray();
        int arr[] = new int[]{16, 17, 4, 3, 5, 2};
        int n = arr.length;
        lead.printLeaders(arr, n);
    }
}
```

Output:

17 5 2

Time Complexity:  $O(n*n)$