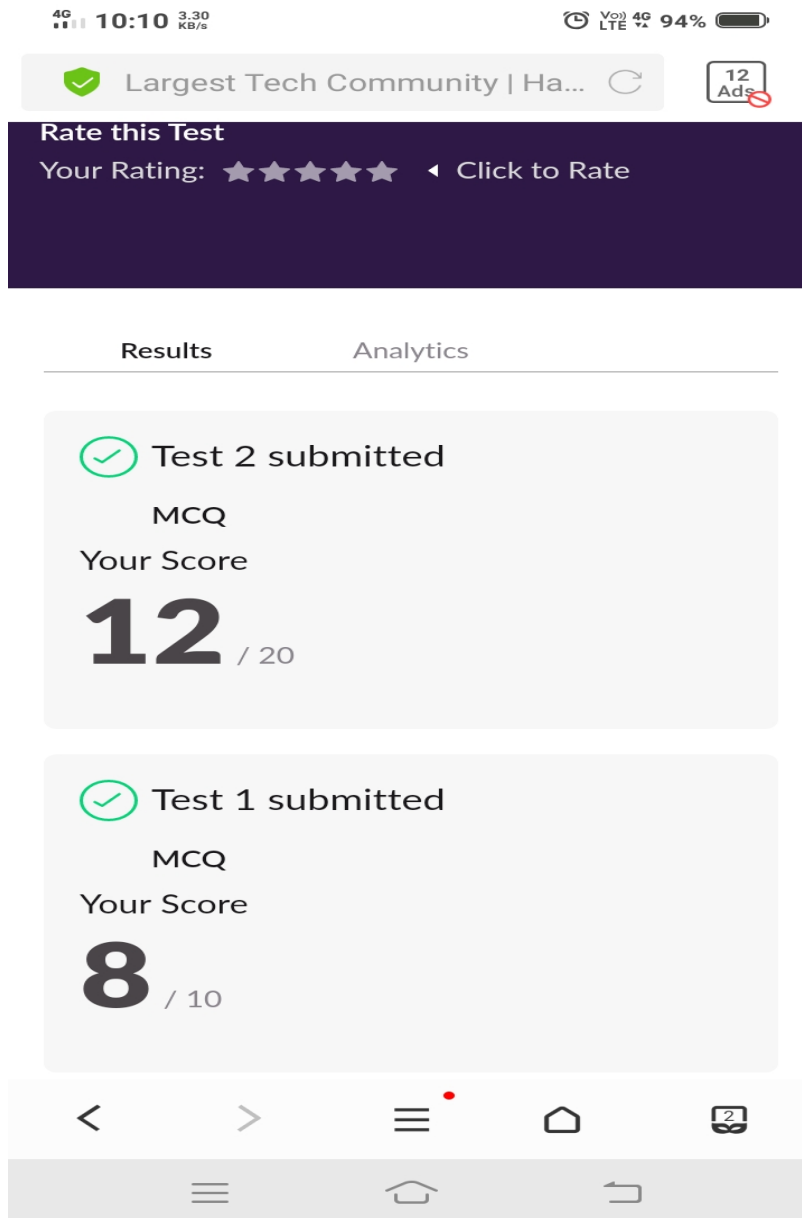


## **DAILY ONLINE ACTIVITIES SUMMARY**

<b>Date:</b>	01/06/2020		<b>Name:</b>	Prajwal	
<b>Sem &amp; Sec</b>	IV sem & B sec		<b>USN:</b>	4AL18CS057	
<b>Online Test Summary</b>					
<b>Subject</b>	Complex Analysis, Probability And Statistical Methods				
<b>Max. Marks</b>	30		<b>Score</b>	20	
<b>Certification Course Summary</b>					
<b>Course</b>	Machine Learning With Python				
<b>Certificate Provider</b>	COGNITIVE CLASS		<b>Duration</b>	12 hours	
<b>Coding Challenges</b>					
<b>Problem Statement:</b> 1. Write a C program to find the leaders in the array.					
<b>Status:</b> Done					
<b>Uploaded the report in Github</b>			YES		
<b>If yes Repository name</b>			<a href="https://github.com/PRAJWALKOTIAN/lockdown-coding">https://github.com/PRAJWALKOTIAN/lockdown-coding</a>		
<b>Uploaded the report in slack</b>			YES		

## Online test details

Test was conducted from 9:30 to 10:10 am dated 01 june 2020.  
The test includes MCQ kind of questions which contains 10 questions of 1mark and 10 questions of 2 mark.



## Certification Course Details

The course I have chosen is MACHINE LEARNING WITH PYTHON in this at first I studied basics of K-Means Clustering is covered in this course.

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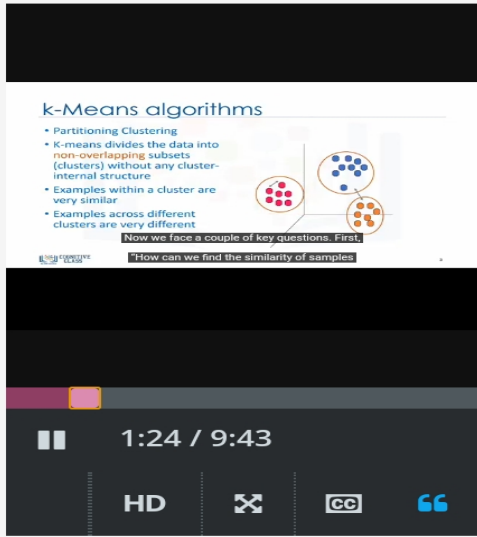
Course > Modul... > K-Mea... > K-Mea...

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### K-Means Clustering (9:43)

[Bookmark this page](#)

### K-Means Clustering (9:43)



k-Means algorithms

- Partitioning Clustering
- K-means divides the data into non-overlapping subsets (clusters) without any cluster-internal structure
- Examples within a cluster are very similar
- Examples across different clusters are very different

Now we face a couple of key questions. First, "How can we find the similarity of samples

1:24 / 9:43

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samples (for example, similar customers).

**Now we face a couple of key questions. First, "How can we find the similarity of samples in clustering?"** And then, "How do we measure how

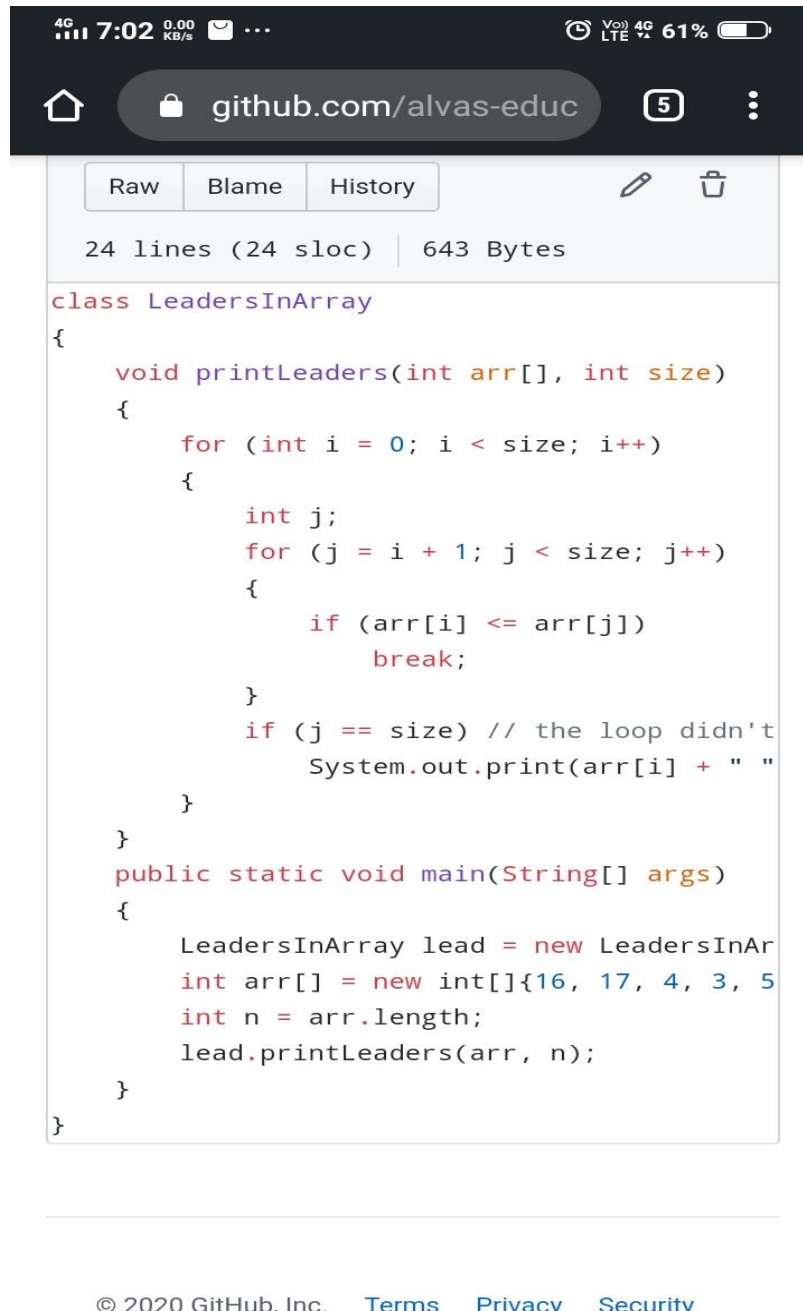
**Video**

[Download video file](#)

## Coding Challenges Details

The bellow given codes are there on my github repository <https://github.com/PRAJWALKOTIAN/lockdown-coding>

1. Write a C program to find the leaders in the array.



```
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) // the loop didn't
                System.out.print(arr[i] + " ")
        }
    }
    public static void main(String[] args)
    {
        LeadersInArray lead = new LeadersInAr
        int arr[] = new int[]{16, 17, 4, 3, 5
        int n = arr.length;
        lead.printLeaders(arr, n);
    }
}
```

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