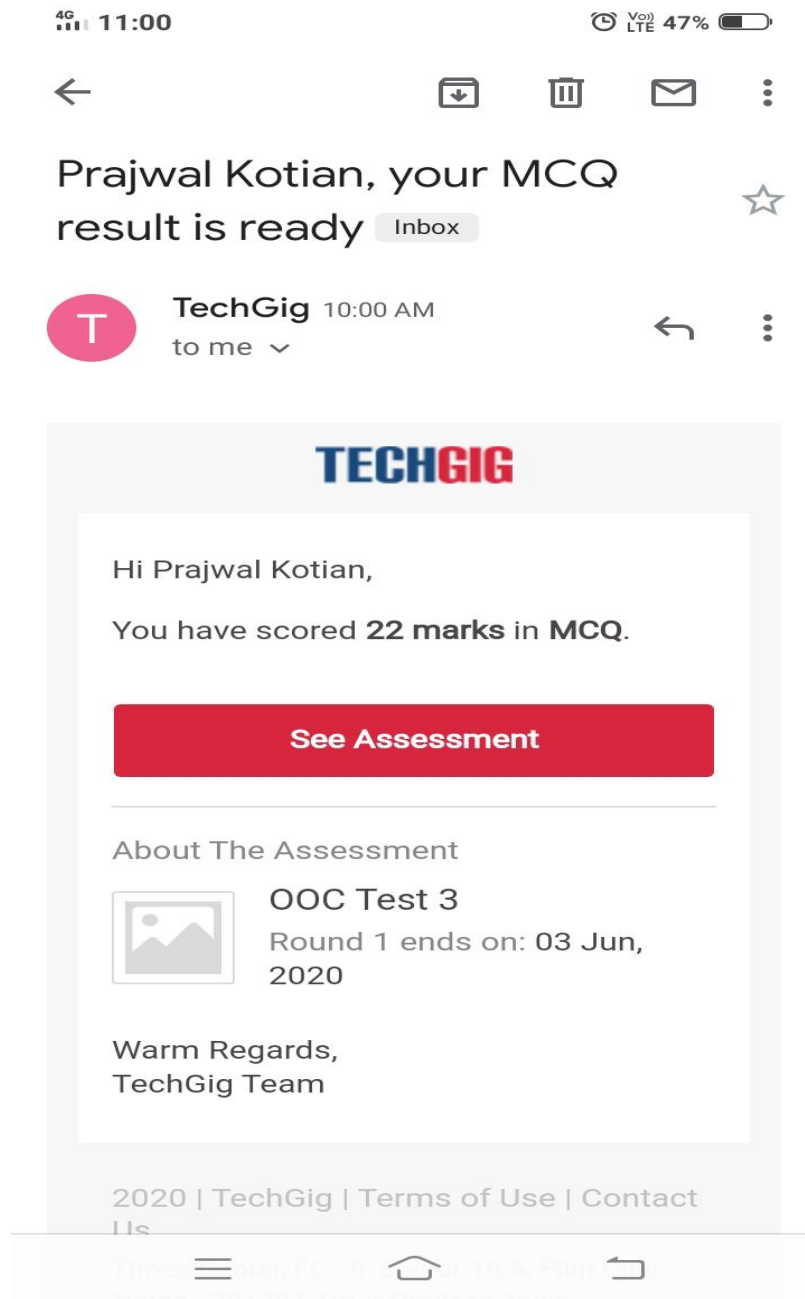


## **DAILY ONLINE ACTIVITIES SUMMARY**

<b>Date:</b>	<b>03/06/2020</b>	<b>Name:</b>	<b>Prajwal</b>
<b>Sem &amp; Sec</b>	<b>IV sem &amp; B sec</b>	<b>USN:</b>	<b>4AL18CS057</b>
<b>Online Test Summary</b>			
<b>Subject</b>	<b>Object Oriented Concepts</b>		
<b>Max. Marks</b>	<b>30</b>	<b>Score</b>	<b>22</b>
<b>Certification Course Summary</b>			
<b>Course</b>	<b>Machine Learning With Python</b>		
<b>Certificate Provider</b>	<b>COGNITIVE CLASS</b>	<b>Duration</b>	<b>12 hours</b>
<b>Coding Challenges</b>			
<b>Problem Statement: 1. Write a java program to find last digit of <math>a^b</math> (a to the power b) for large numbers</b>			
<b>Status: Done</b>			
<b>Uploaded the report in Github</b>		<b>YES</b>	
<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>		<b>YES</b>	

## Online test details

Test was conducted from 9:15 to 10:00 am dated 03 june 2020.  
The test includes MCQ kind of questions which contains 30  
program output prediction questions of 1mark.



## Certification Course Details

The course I have chosen is MACHINE LEARNING WITH PYTHON in this at first I studied more information on Hierarchical Clustering is covered.

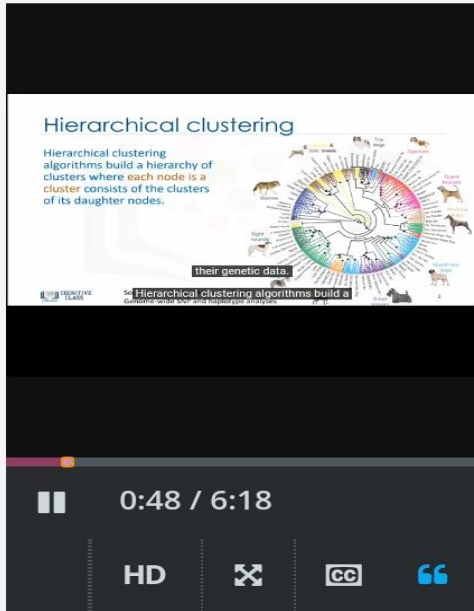
4G 3:39 11.7 KB/s VoLTE 4G 55%

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### Hierarchical Clustering (6:18)

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### Hierarchical Clustering (6:18)



The video player displays a diagram titled 'Hierarchical clustering' showing a dendrogram of various animals (e.g., Dog, Cat, Horse, Pig, Sheep, etc.) grouped into clusters. Text overlays on the video include: 'Hierarchical clustering algorithms build a hierarchy of clusters where each node is a cluster consisting of its daughter nodes.', 'their genetic data.', and 'Hierarchical clustering algorithms build a hierarchy of clusters where each node is a cluster consisting of...'. The video progress bar shows 0:48 / 6:18. Controls include a pause button, HD quality, full screen, CC (Creative Commons), and a quote icon.

**hierarchical clustering of these animals based on the similarity in their genetic data. Hierarchical clustering algorithms build a hierarchy of clusters where each node is a cluster consisting of**

**Video**  
[Download video file](#)

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## Coding Challenges Details

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

1. Write a java program to find last digit of  $a^b$  (a to the power b) for large numbers.

```
import java.util.*;
import java.io.*;
public class Lastdigitpower{
    public static void main(String []args) {
        int a,b;
        String c;
        Scanner s=new Scanner(System.in);
        System.out.print("Enter the values");
        a=s.nextInt();
        b=s.nextInt();
        c=Integer.toString((int) Math.pow(a,b));
        System.out.print("The last element is: "+c);
        s.close();
    }
}
```