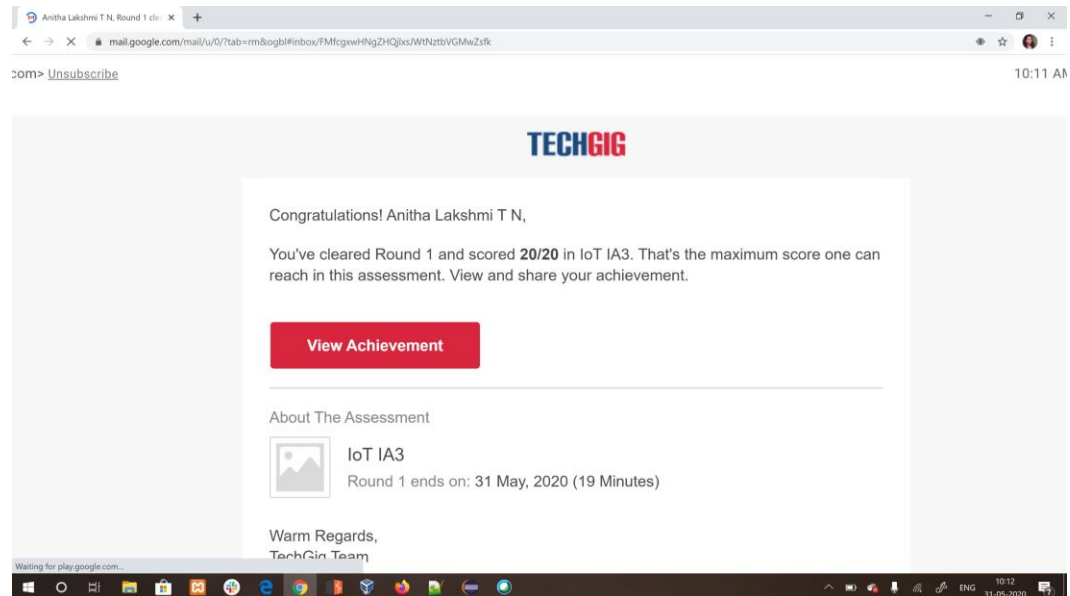


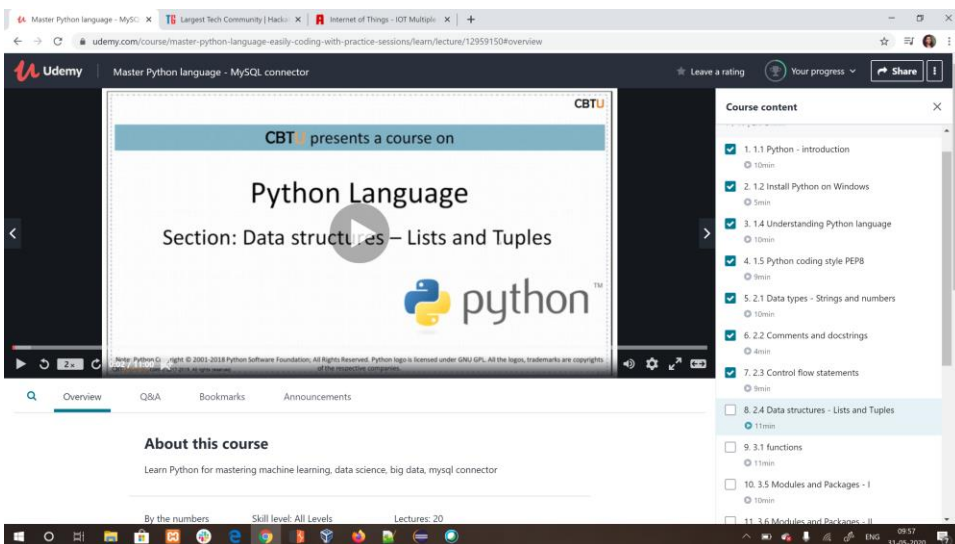
DAILY ONLINE ACTIVITIES SUMMARY

Date:	31/05/2020	Name:	Anitha Lakshmi T N
Sem & Sec	8 th - A	USN:	4AL16CS012
Online Test Summary			
Subject	IOT		
Max. Marks	20	Score	20
Certification Course Summary			
Course	Master Python language- Mysql connector		
Certificate Provider	Udemy	Duration	3 hours
Coding Challenges			
Problem Statement: 1)write a c program to sort an array of integers in ascending or descending order and display the sorted array and number of passes performed for sorting			
Status: Executed			
Uploaded the report in Github		Yes	
If yes Repository name		Anitha_lakshmi	
Uploaded the report in slack		Yes	

Online Test Details:



Certification Course Details:



Coding Challenges Details:

```
#include <stdio.h>

void swap(int *xp, int *yp)
{
    int temp = *xp;
    *xp = *yp;
    *yp = temp;
}

int bubbleSort(int arr[], int n)
{
    int i, j, count=0;
    int swapped;
    for (i = 0; i < n-1; i++)
    {
        swapped = 0;
        for (j = 0; j < n-i-1; j++)
        {
            if (arr[j] > arr[j+1])
            {
                swap(&arr[j], &arr[j+1]);
                swapped = 1;
                count++;
            }
        }
        if (swapped == 0)
            break;
    }
}
```

```
return count;

}

void printArray(int arr[], int size)

{

int i;

for (i=0; i < size; i++)

printf("%d ", arr[i])

printf("\n");

}

int main()

{

int arr[50],num;

printf("enter the number of elements");

scanf("%d",&num);

printf("enter the elements");

for(int i=0;i=num;i++)

}
```