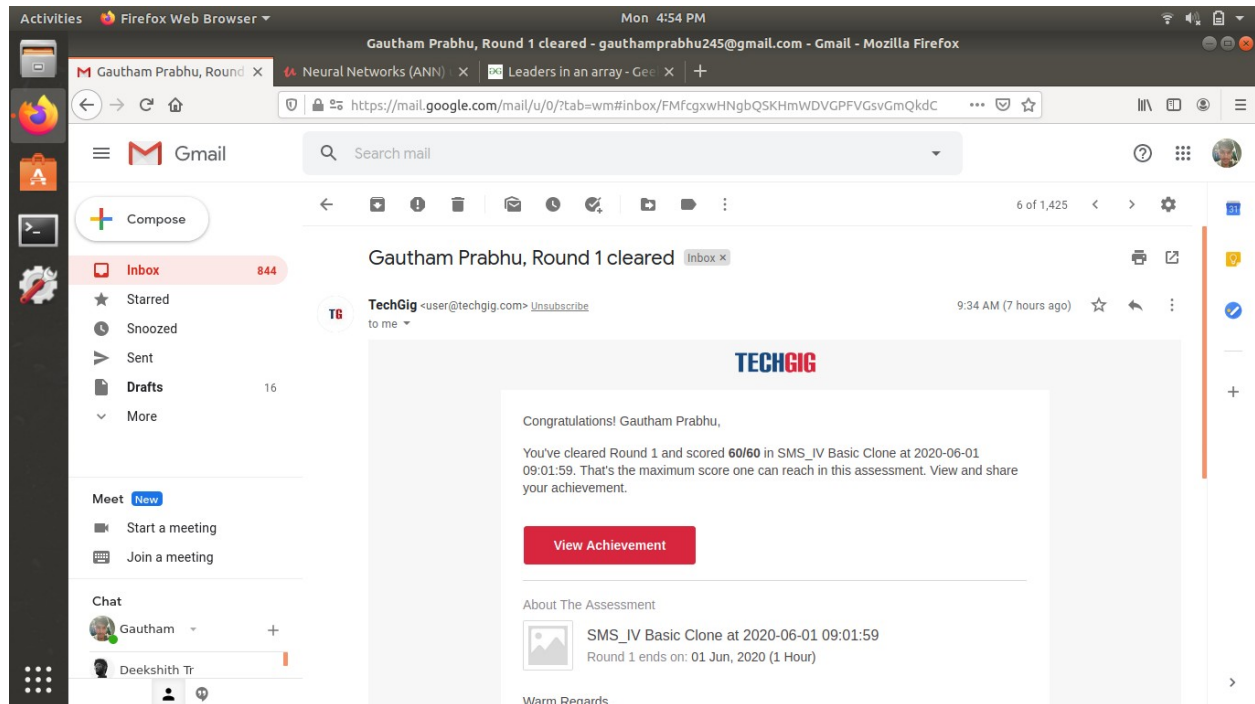


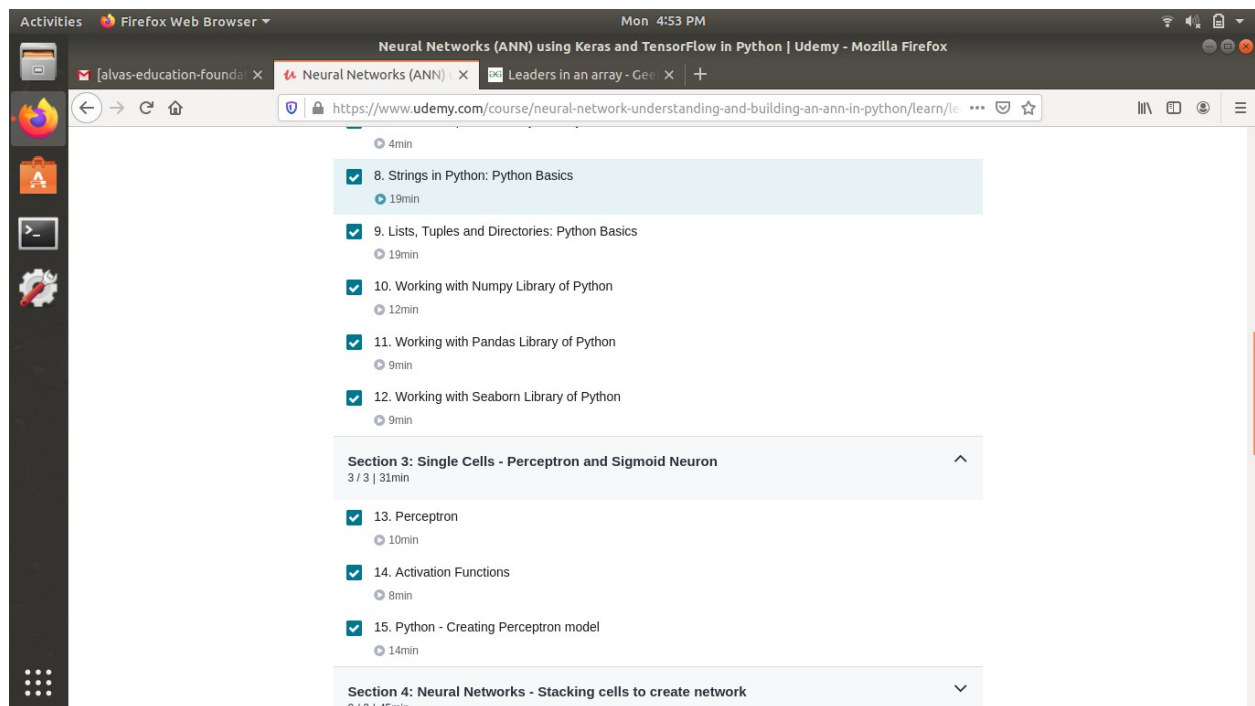
DAILY ONLINE ACTIVITIES SUMMARY

Date:	01/06/2020	Name:	Gautham Prabhu
Sem & Sec	8th Sem	USN:	4AL16CS035
Online Test Summary			
Subject	System Model-ling and Simulation		
Max. Marks	60	Score	60
Certification Course Summary			
Course	Neural Networks (ANN) using Keras and TensorFlow in Python		
Certificate Provider	udemy	Duration	1 hrs
Coding Challenges			
Problem Statement: 1)Write a C Program to find the leaders in the array			
Status: Completed			
Uploaded the report in Github		Yes	
If yes Repository name		Daily_report	
Uploaded the report in slack		yes	

Online Test Details:



Certification Course Details:



Coding Challenges Details:

Program 1:

```
#include <stdio.h>
```

```
void main()
```

```
{
```

```
    int i,t,arr[100],n,max[100],j=0,k;
```

```
    printf("Enter the test cases\n");
```

```
    scanf("%d",&t);
```

```
    for(int k=0;k<t;k++)
```

```
    {
```

```
        printf("Enter size of array\n");
```

```
        scanf("%d",&n);
```

```
        printf("Enter array elements\n");
```

```
        for(i=0; i<n; i++)
```

```
        {
```

```
            scanf("%d",&arr[i]);
```

```
            max[i]=0;
```

```
        }
```

```
        max[j++] = arr[n-1];
```

```
        for(i=n-1; i>=0; i=i-1)
```

```
        if( arr[i] >= max[j-1] )
```

```
        {
```

```
            max[j] = arr[i];
```

```
            j++;
```

```
        }
```

```

printf("OUTPUT : ");

for(j=j-1; j>0; j--)

printf("%d ",max[j]);

printf("\n-----\n");

}

}

```

The screenshot shows a Linux desktop environment. In the foreground, a terminal window is open, displaying the execution of a C program. The program prompts the user to enter test cases, size of array, and array elements. The output shows the leaders in the array for three different test cases.

```

gautham@gautham-prabhu: ~/work/c
gautham@gautham-prabhu:~/work/c$ gcc leader.c -o leader
gautham@gautham-prabhu:~/work/c$ ./leader
Enter the test cases
3
Enter size of array
6
Enter array elements
16 17 4 3 5 2
OUTPUT : 17 5 2
-----
Enter size of array
5
Enter array elements
1 2 3 4 0
OUTPUT : 4 0
-----
Enter size of array
5
Enter array elements
7 4 5 7 3
OUTPUT : 7 7 3
-----
gautham@gautham-prabhu:~/work/c$

```

In the background, a web browser is open, displaying a document with text about test cases. The text includes: "nts to its right side. Also, the rightmost element is always a leader.", "he description of T test cases follows.", "rray.", and "he elements of the array."