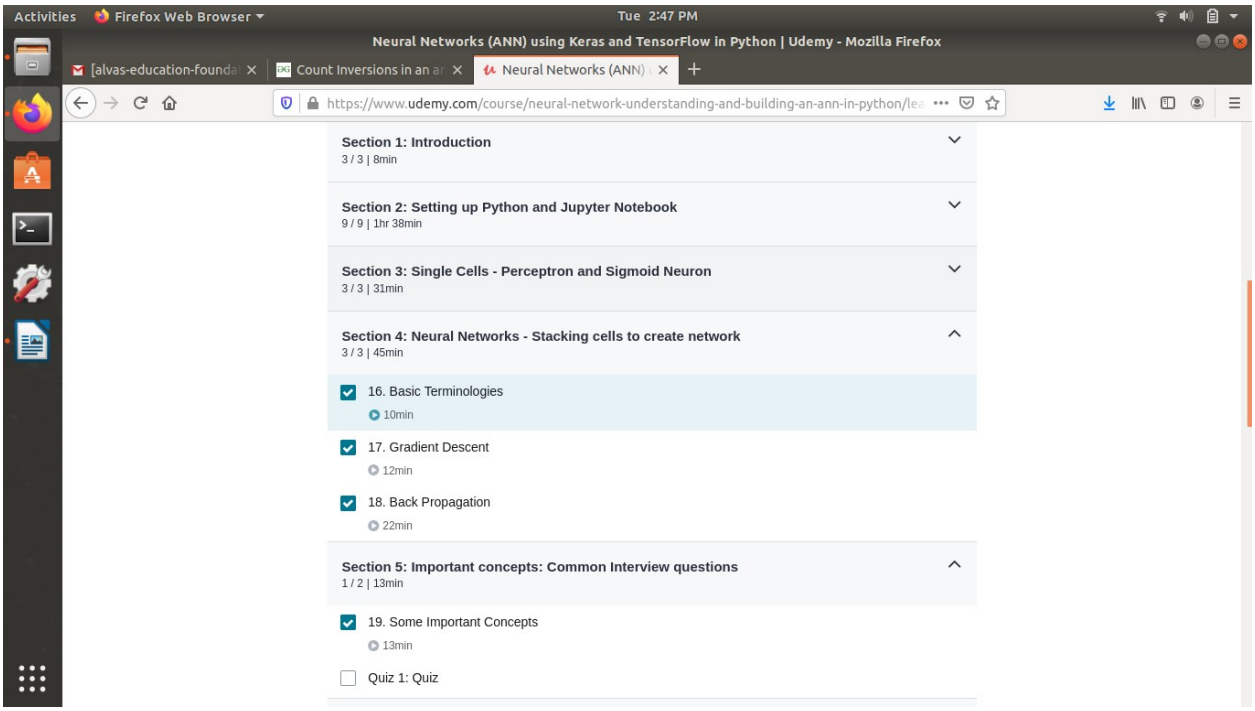
DAILY ONLINE ACTIVITIES SUMMARY

Date:	**02/06/2020**	**Name:**	**Gautham Prabhu**
Sem & Sec	**8th Sem**	**USN:**	**4AL16CS035**
Online Test Summary			
Subject	**No test was conducted**		
Max. Marks	**- -**	**Score**	**- -**
Certification Course Summary			
Course	**1) Neural Networks (ANN) using Keras and TensorFlow in Python 2) Step into Robotic Process Automation**		
Certificate Provider	**1) Udemy 2) Guvi**	**Duration**	**1) 1 hrs 2) 3 hrs**
Coding Challenges			
Problem Statement: 1)Write a C Program to find inversion count of 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>
int getInvCount(int arr[], int n)
{
                                        int inv_count = 0;
                                        for (int i = 0; i < n - 1; i++)
                                              for (int j = i + 1; j < n; j++)
                                                      if (arr[i] > arr[j])
                                                              inv_count++;
                                        return inv_count;
}
void main()
{
                                        int arr[50], n,t;
                                        printf("Enter the number of test cases\n");
                                        scanf("%d",&t);
                                        for(int i=0;i<t;i++)
                                        {
                                              printf("Enter the array size : ");
                                              scanf("%d",&n);
                                              printf("Enter the elements\n");
                                              for(int j=0;j<n;j++)
                                                      scanf("%d",&arr[j]);
```

```
                printf("Number of inversions are %d \n",
getInvCount(arr, n));
                printf("-----------------------------\n");
            }
}
```