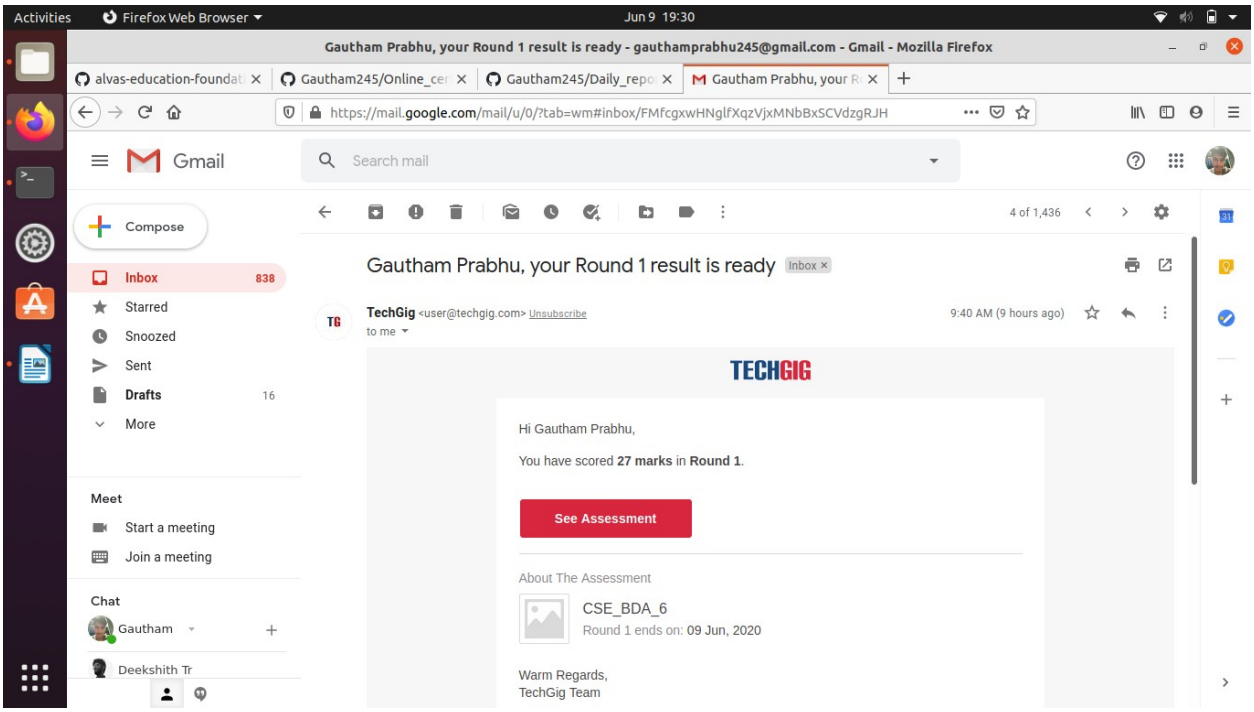
DAILY ONLINE ACTIVITIES SUMMARY

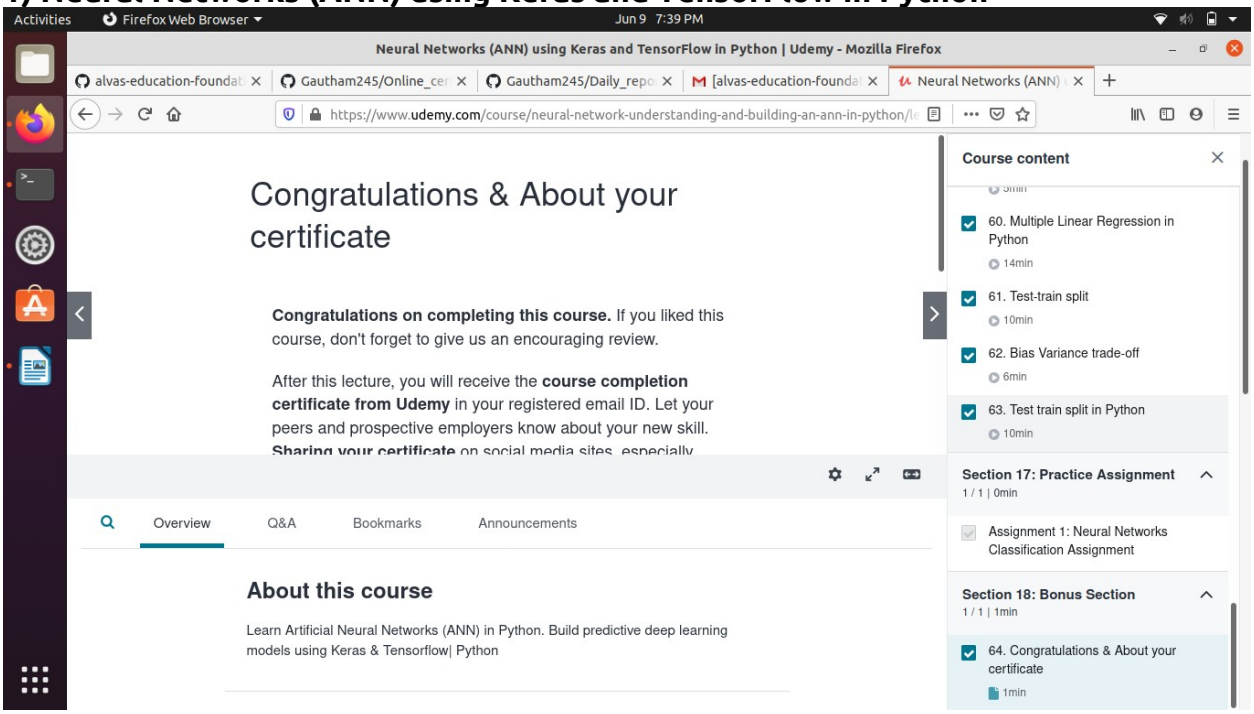
Date:	**09/06/2020**	**Name:**	**Gautham Prabhu**
Sem & Sec	**8th Sem**	**USN:**	**4AL16CS035**
Online Test Summary			
Subject	**Big Data Analytics**		
Max. Marks	**30**	**Score**	**27**
Certification Course Summary			
Course	**Neural Networks (ANN) using Keras and TensorFlow in Python**		
Certificate Provider	**udemy.com/**	**Duration**	**9 hrs**
Coding Challenges			
Problem Statement: 1)Write a C Program to rotate the matrix by K times.			
Status: Completed			
Uploaded the report in Github	**Yes**		
If yes Repository name	**Daily_report**		
Uploaded the report in slack	**yes**		

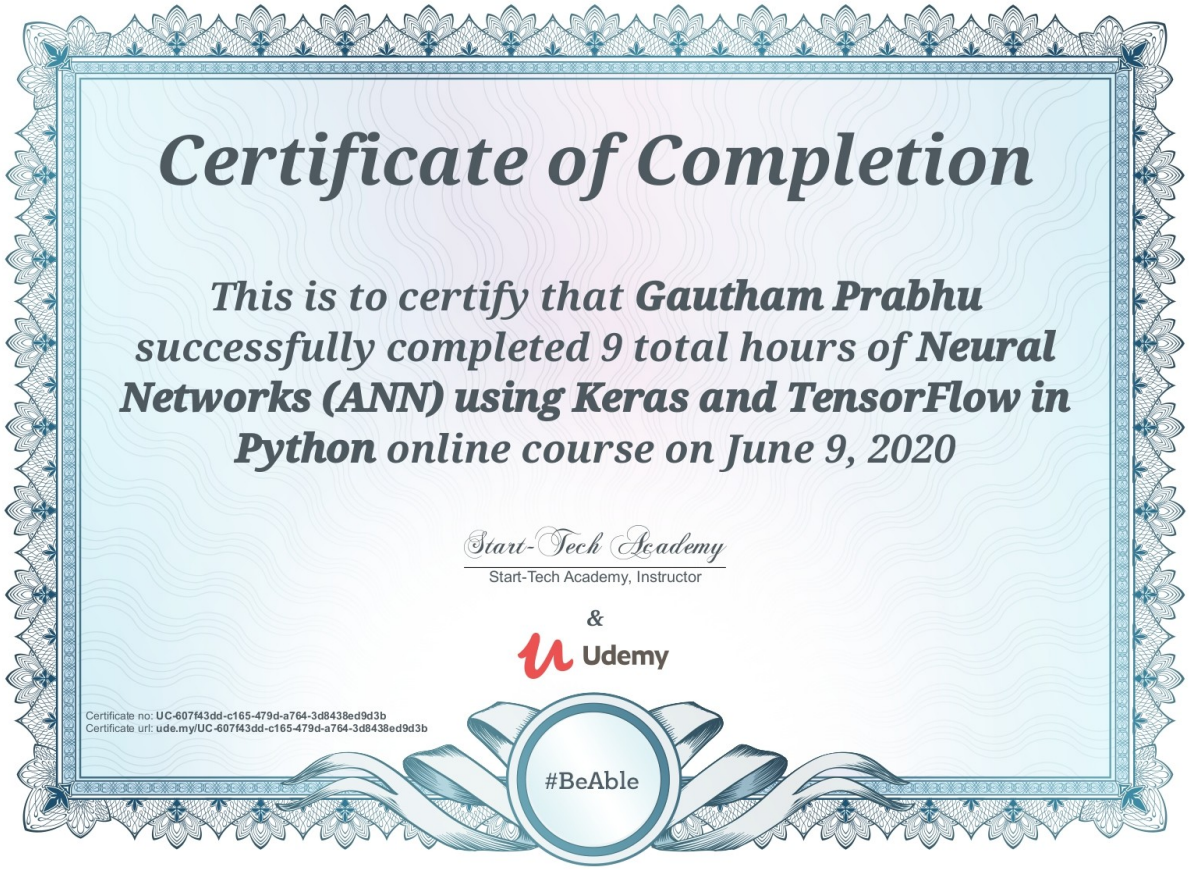
Online Test Details:



Certification Course Details:

1) Neural Networks (ANN) using Keras and TensorFlow in Python





Coding Challenges Details:

Program 1:

```
#include <stdio.h>

void shiftArrPos(int *arr, int arrSize)

{

   int i, temp;

     temp = arr[0];

   for(i = 0; i < arrSize-1; i++)

                                        {

      arr[i] = arr[i+1];
```

```
    }
    arr[i] = temp;
}
void arrRotate(int *arr, int arrSize, int rotFrom)
{
    int i;
    for(i = 0; i < rotFrom; i++)
                                        {
        shiftArrPos(arr, arrSize);
    }
    return;
}
int main()
{
    int arr[10][10];
    int i, j, K, n1, n2;

    printf("Enter the size of the matrix: ");
    scanf("%d%d",&n1,&n2);

    printf("Enter the Elements of the matrix:\n");
    for(i = 0; i < n1; i++)
        for(j = 0; j < n2; j++)
            scanf("%d",&arr[i][j]);
```

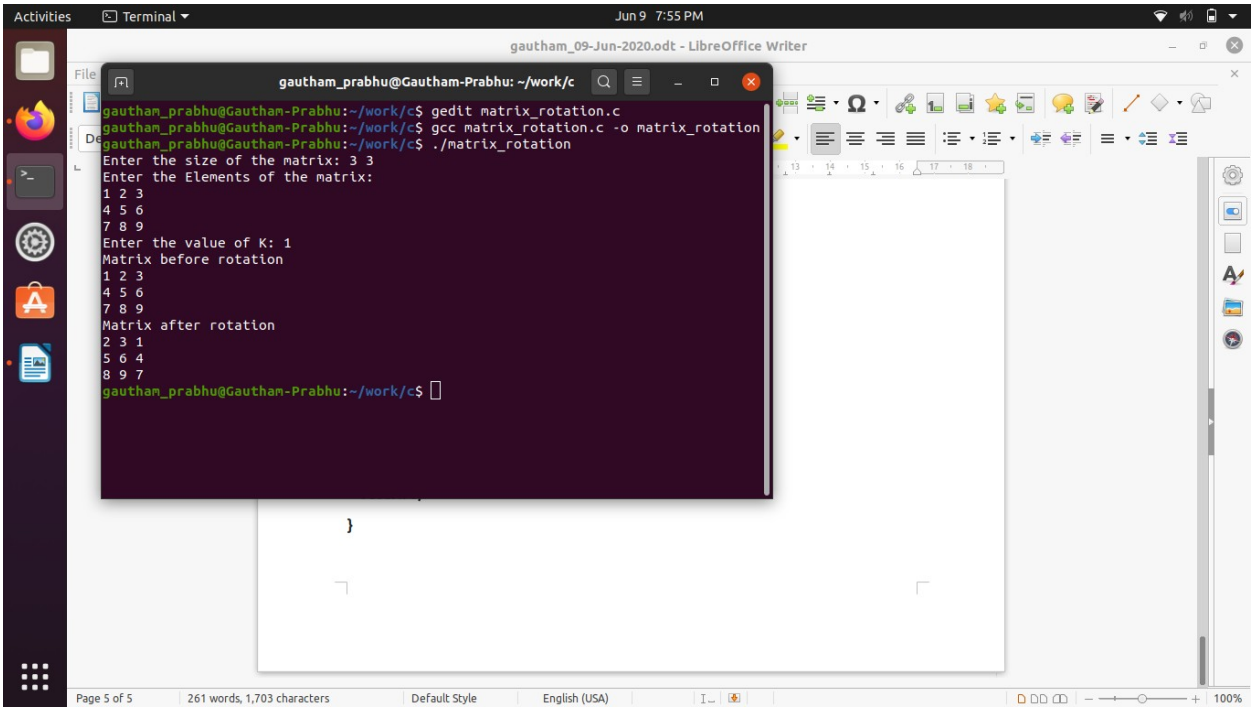
```
    printf("Enter the value of K: ");
    scanf("%d", &K);

    printf("Matrix before rotation\n");
    for(i = 0; i < n1; i++)
    {
        for(j = 0; j < n2; j++)
            printf("%d ",arr[i][j]);
        printf("\n");
    }

    for(i = 0; i < n1; i++)
        arrRotate(arr[i], n2, K);

     printf("Matrix after rotation\n");
    for(i = 0; i < n1; i++)
    {
        for(j = 0; j < n2; j++)
            printf("%d ",arr[i][j]);
        printf("\n");
    }

    return 0;
}
```


Activities
Terminal
Jun 9 7:55 PM
gautham_09-Jun-2020.odt - LibreOffice Writer
gautham_prabhu@Gautham-Prabhu: ~/work/c
gautham_prabhu@Gautham-Prabhu:~/work/c$ gedit matrix_rotation.c
gautham_prabhu@Gautham-Prabhu:~/work/c$ gcc matrix_rotation.c -o matrix_rotation
gautham_prabhu@Gautham-Prabhu:~/work/c$ ./matrix_rotation
Enter the size of the matrix: 3 3
Enter the Elements of the matrix:
1 2 3
4 5 6
7 8 9
Enter the value of K: 1
Matrix before rotation
1 2 3
4 5 6
7 8 9
Matrix after rotation
2 3 1
5 6 4
8 9 7
gautham_prabhu@Gautham-Prabhu:~/work/c$
}
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261 words, 1,703 characters
Default Style
English (USA)
100%