DAILY ONLINE ACTIVITIES SUMMARY

Date:	02/07/2020	Name:	Gautham Prabhu
Sem & Sec	8th Sem	USN:	4AL16CS035

Online Test Summary			
Subject	System Model-ling and Simulation		
Max. Marks	30	Score	- -

Certification Course Summary			
Course	The Complete Front-End Web Development Course		
Certificate Provider	Udemy	Duration	3 hrs

Coding Challenges	
Problem Statement: Write a C program to Sort strings in Lexicographical Order	
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:
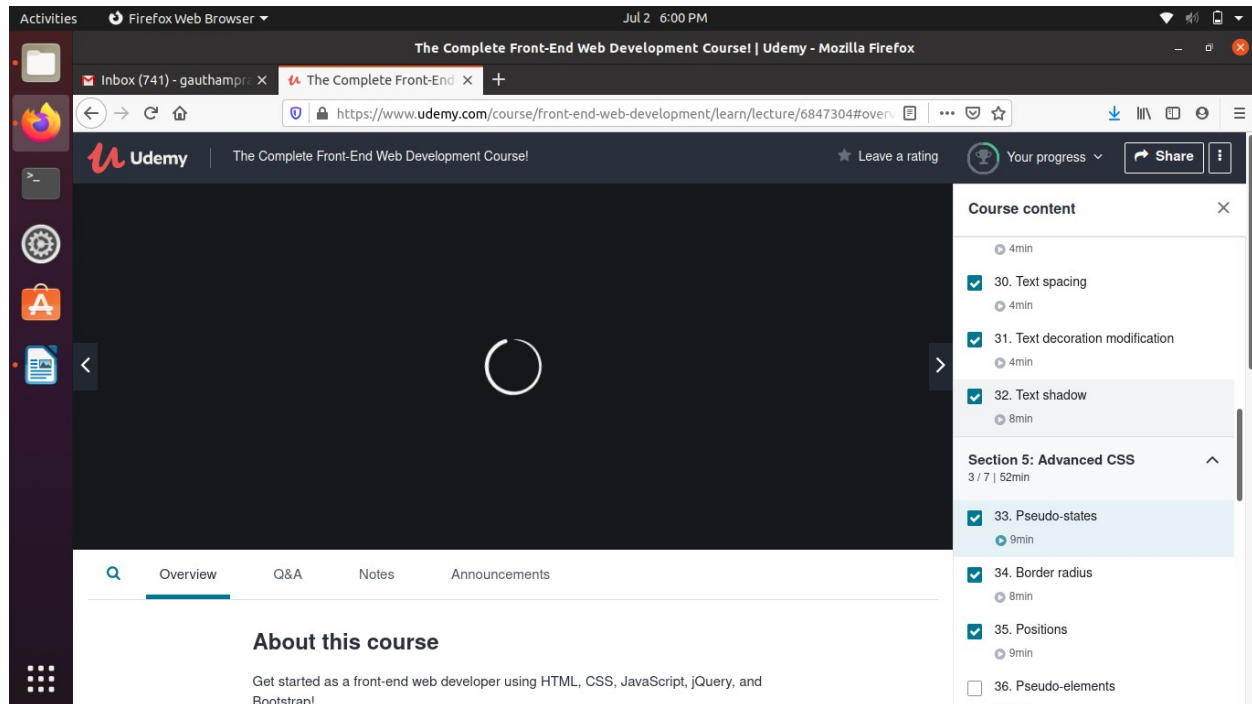
Coding challenge:

Peogram 1:

```c
#include <stdio.h>

#include <string.h>


int main() {

  char str[5][50], temp[50];

  printf("Enter 5 words: ");


  // Getting strings input
```

```c
    for (int i = 0; i < 5; ++i) {

        fgets(str[i], sizeof(str[i]), stdin);

    }


    // storing strings in the lexicographical order
    for (int i = 0; i < 5; ++i) {

        for (int j = i + 1; j < 5; ++j) {


            // swapping strings if they are not in the lexicographical order
            if (strcmp(str[i], str[j]) > 0) {

                strcpy(temp, str[i]);

                strcpy(str[i], str[j]);

                strcpy(str[j], temp);

            }

        }

    }


    printf("\nIn the lexicographical order: \n");

    for (int i = 0; i < 5; ++i) {

        fputs(str[i], stdout);

    }

    printf("\n");

    return 0;

}
```

File Edit View Insert Format Styles Table Form Tools Window Help

gautham_prabhu@gautham: ~/work/c

```
xyz

In the lexicographical order:

abc
usk
uskusk
xyz

gautham_prabhu@gautham:~/work/c$ ./sort_string_Lexicographical
Enter 5 words: abc
uskusk
xyz
usk
pnk

In the lexicographical order:
abc
pnk
usk
uskusk
xyz

gautham_prabhu@gautham:~/work/c$ 
```

graphical Order

hrs

Uploaded the report in Github	Yes
If yes Repository name	Daily_report
Uploaded the report in slack	yes

Page 1 of 2   Selected: 1 word, 15 characters   Default Style   English (USA)   Table1:A10   100%