DAILY ONLINE ACTIVITIES SUMMARY

Date:	02/07/2020	Name:	Divya C H
Sem & Sec	8th Sem	USN:	4AL16CS033

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

Certification Course Summary			
Course	Linux for Absolute Beginners		
Certificate Provider	Udemy	Duration	7.5 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:

```
#include <stdio.h>

#include <string.h>


int main() {
  char str[5][50],temp[50];
  printf("Enter 5 words:");
```

```c
  // Getting strings input
  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;

}
```