

DAILY ONLINE ACTIVITIES SUMMARY

Date:	22-06-2020	Name:	Ainab
Sem & Sec	VIII Semester & A Section	USN:	4AL16CS004
Online Test Summary			
Subject	SMS		
Max. Marks	-	Score	-
Certification Course Summary			
Course	Introduction to Serverless Development		
Certificate Provider	Amazon Web Service	Duration	25 minutes
Coding Challenges			
Problem Statement: Write a program for first non repeated character			
Status: COMPLETED			
Uploaded the report in Github		YES	
If yes Repository name		Ainab004	
Uploaded the report in slack		YES	

Online Test Details:

NIL

Certification Course



Coding Challenges Details:

Program1:

```
#include <stdio.h>

#include <stdlib.h>

#define NO_OF_CHARS 256

int* getCharCountArray(char* str)
{
    int* count = (int*)calloc(
        sizeof(int), NO_OF_CHARS);
    int i;
```

```

        for (i = 0; *(str + i); i++)
            count[*(str + i)]++;
        return count;
    }

    int firstNonRepeating(char* str)
    {
        int* count = getCharCountArray(str);
        int index = -1, i;

        for (i = 0; *(str + i); i++) {
            if (count[*(str + i)] == 1) {
                index = i;
                break;
            }
        }

        free(count);
        return index;
    }

    int main()
    {
        char str[] = "fgchfytrfuyguijp";
        int index = firstNonRepeating(str);
        if (index == -1)
            printf("Either all characters are repeating or string is empty");
        else

```

```
printf("First non-repeating character is %c", str[index]);
```

```
getchar();
```

```
return 0;
```

```
}
```