DAILY ONLINE ACTIVITIES SUMMARY

Date:	10-07-2020		Name:	Nayan. P. Joshi
Sem & Sec	8th Sem A		USN:	4AL16CS058

Online Test Summary				
Subject	--------			
Max. Marks	-----------		Score	---------------

Certification Course Summary				
Course	Getting Started: Hadoop			
Certificate Provider	Great learning academy		Duration	6hrs

Coding Challenges
Problem Statement: C program to find the first non-repeating character in a string
Status: Solved

Uploaded the report in GitHub	Yes
If yes Repository name	nayan1998
Uploaded the report in slack	Yes

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Home   Live Sessions   Certificates

My Courses

What is hadoop.ppt

Hadoop framework : Stepping into Hadoop   24m

HDFS: What and Why?   20m

HDFS basics.ppt

Working on HDFS   33m

Hadoop 2.x - YARN   7m

Mapreduce: A Programming paradigm   20m

Map reduce framework.pptx

Closer look to Map reduce   26m

Practical approach to Map reduce   20m

Type here to search

C program to find the first non-repeating character in a string

```c
#include<stdlib.h>
#include<stdio.h>
#define NO_OF_CHARS 256

int *get_char_count (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 first_non_repeating_character(char *str)
{
    int *count = get_char_count(str);
    int index = -1, i;

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

    free(count);
```

```c
        return index;
}

int main()
{
    char str[NO_OF_CHARS];
    printf("\nEnter the string :");
    scanf("%s",&str);
    int index = first_non_repeating_character(str);
    if (index == -1)
            printf("All the characters are repetitive");
    else
            printf("First non-repeating character is %c",
str[index]);
    getchar();
    return 0;
}
```