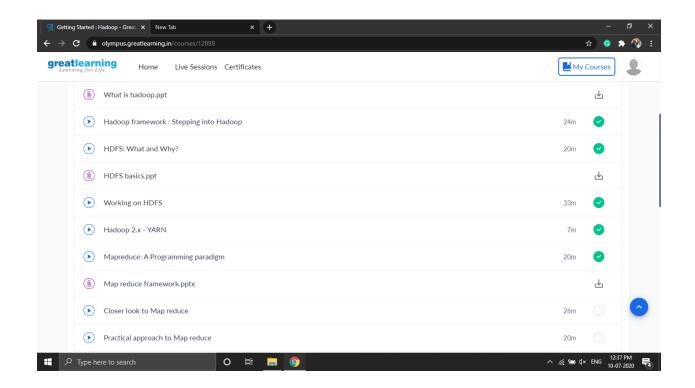
DAILY ONLINE ACTIVITIES SUMMARY

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 th	e report i	n slack	Yes		



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

```
#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);
```

```
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;
}
```