

DAILY ONLINE ACTIVITIES SUMMARY

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|---------------------------------------------------------------------------------------------------|-----------------------------|-----------------|-------------|
| Date: | 14-06-2020 | Name: | Deepika K V |
| Sem & Sec | 8 th sem 'A' sec | USN: | 4AL16CS030 |
| Online Test Summary | | | |
| Subject | -- | | |
| Max. Marks | -- | Score | -- |
| Certification Course Summary | | | |
| Course | Software Testing | | |
| Certificate Provider | Alison | Duration | 5.5. hrs |
| Coding Challenges | | | |
| Problem Statement: Write a C program to find the first non-repeated character in a string. | | | |
| Status: SUBMITTED | | | |
| Uploaded the report in Github | | YES | |
| If yes Repository name | | Codes | |
| Uploaded the report in slack | | YES | |

Online test details: no test is conducted

Certification Course Details:

Completed on full module

Coding Challenge:

```
#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;
}
```