

### DAILY ONLINE ACTIVITIES SUMMARY

<b>Date:</b>	11/07/2020	<b>Name:</b>	Divya C H
<b>Sem &amp; Sec</b>	8 <sup>th</sup> Sem	<b>USN:</b>	4AL16CS033
<b>Online Test Summary</b>			
<b>Subject</b>	- -		
<b>Max. Marks</b>	- -	<b>Score</b>	- -
<b>Certification Course Summary</b>			
<b>Course</b>	Ultimate java development		
<b>Certificate Provider</b>	Udemy	<b>Duration</b>	20 hrs
<b>Coding Challenges</b>			
<b>Problem Statement:</b> Write a C program to find first non repeating character of string.			
<b>Status:</b> Completed			
<b>Uploaded the report in Github</b>		Yes	
<b>If yes Repository name</b>		Daily_report	
<b>Uploaded the report in slack</b>		yes	

## Online Test Details:

--

## Certification Course Details:

The screenshot shows the Eduonix website interface. At the top, there's a navigation bar with the Eduonix logo, an 'Explore' button, a search bar, and a 'LIFETIME MEMBERSHIP' button. Below the navigation bar, there's a banner for a 'Site-wide Buy 1 Get 1 FREE Offer' on E-degrees, Bundles & Courses. The main content area features a video player showing Java code for a Person class and a Builder pattern implementation. To the right of the video player is a 'Contents' sidebar listing 49 lectures, with 'Filtering with Lambda Expressions' (Lecture 34) highlighted. The bottom of the page includes a cookie consent banner and a Windows taskbar.

## Coding challenge:

### Program 1:

```
#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();

printf("\n");

return 0;

}

```

