

### DAILY ONLINE ACTIVITIES SUMMARY

<b>Date:</b>	12/07/2020	<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>	Educomix.com	<b>Duration</b>	20 hrs
<b>Coding Challenges</b>			
<b>Problem Statement:</b> Write a C program to replace the sub-string in main 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:

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## Certification Course Details:

The screenshot displays the Eduonix website interface. At the top, a dark blue banner features a 'HAPPY HOURS - EXTRA 50% OFF!' promotion with a countdown timer showing 01h 13m 40s. Below this, a coupon code 'LUCKY50' is displayed, along with a 'Buy 1 Get 1 FREE Offer On E-degrees/ Bundles/ Courses.' and a link to 'FAQs'. The main navigation bar includes the Eduonix logo, an 'Explore' button, a search bar with the placeholder text 'What do you want to learn today?', and buttons for 'LIFETIME MEMBERSHIP' and 'OFFER ZONE'. A user profile icon for 'Hi Divya' is also present. The main content area shows a video player on the left and a 'Contents' sidebar on the right. The sidebar lists 'All Lectures (49)' with a list of topics and completion status: '8: Collections, Streams, and Filters' (3/3 Lectures Completed), '9: Lambda Built in Functional Interfaces' (1/1 Lectures Completed), '10: Lambda Expressions Continued' (2/2 Lectures Completed), and '11: IO Fundamentals and Java Exceptions' (4/4 Lectures Completed). A 'Sum' button with 'ACCEPT AND CLOSE' text is visible at the bottom left. A cookie notice at the bottom right states: 'We use cookies to make interactions with our websites and services easy and meaningful. For more information about the cookies we use or to find out how you can disable cookies, Click Here.' The Windows taskbar at the bottom shows the time as 20:28 on 23-07-2020.

## Coding challenge:

### Program 1:

```
#include <stdio.h>
```

```
#include <string.h>
```

```
#include <stdlib.h>
```

```
/*Function to replace a string with another string*/
```

```
char *rep_str(const char *s, const char *old, const char *new1)
```

```
{
```

```
char *ret;
int i, count = 0;
int newlen = strlen(new1);
int oldlen = strlen(old);

for (i = 0; s[i] != '\0'; i++)
{
    if (strstr(&s[i], old) == &s[i])
    {
        count++;
        i += oldlen - 1;
    }
}

ret = (char *) malloc(i + count * (newlen - oldlen));
if (ret == NULL)
    exit(EXIT_FAILURE);

i = 0;
while (*s)
{
    if (strstr(s, old) == s) //compare the substring with the newstring
    {
        strcpy(&ret[i], new1);
        i += newlen; //adding newlength to the new string
        s += oldlen; //adding the same old length the old string
    }
}
```

```
        else
            ret[i++] = *s++;
    }
    ret[i] = '\0';
    return ret;
}
```

```
int main(void)
{
    char mystr[100], c[10], d[10];
    printf("Enter a string :\n");
    gets(mystr);
    printf("Enter the character to be replaced:\n");
    scanf("%s",c);
    printf("Enter the new character:\n");
    scanf("%s",d);
    char *newstr = NULL;

    puts(mystr);
    newstr = rep_str(mystr, c,d);
    printf("%s\n", newstr);
    free(newstr);
    printf("\n");
    return 0;
}
```

