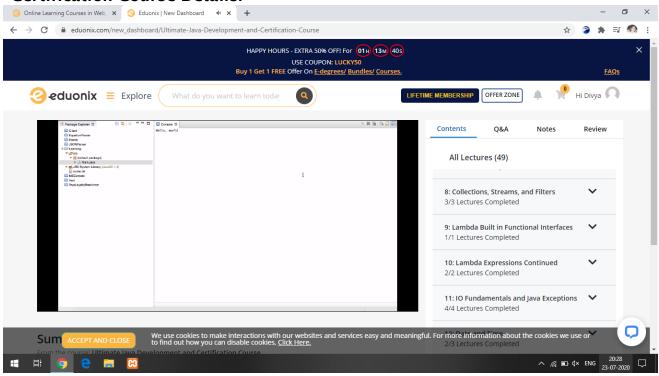
## **DAILY ONLINE ACTIVITIES SUMMARY**

Date:	12/07/2020		Name:	Divya C H				
Sem & Sec	8 <sup>th</sup> Sem		USN:	4AL16CS033				
Online Test Summary								
Subject								
Max. Marks			Score					
Certification Course Summary								
Course	Ultimate java development							
Certificate Provider		Educomix.com	Duration		20 hrs			
Coding Challenges								
Problem Statement: Write a C program to replace the sub-string in main string.								
Status: Completed								
Uploaded the report in Github			Yes					
If yes Rep	-		Daily_report					
Uploaded	the repo	rt in slack	yes					

## **Online Test Details:**

- -

## **Certification Course Details:**



## **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;
}
```