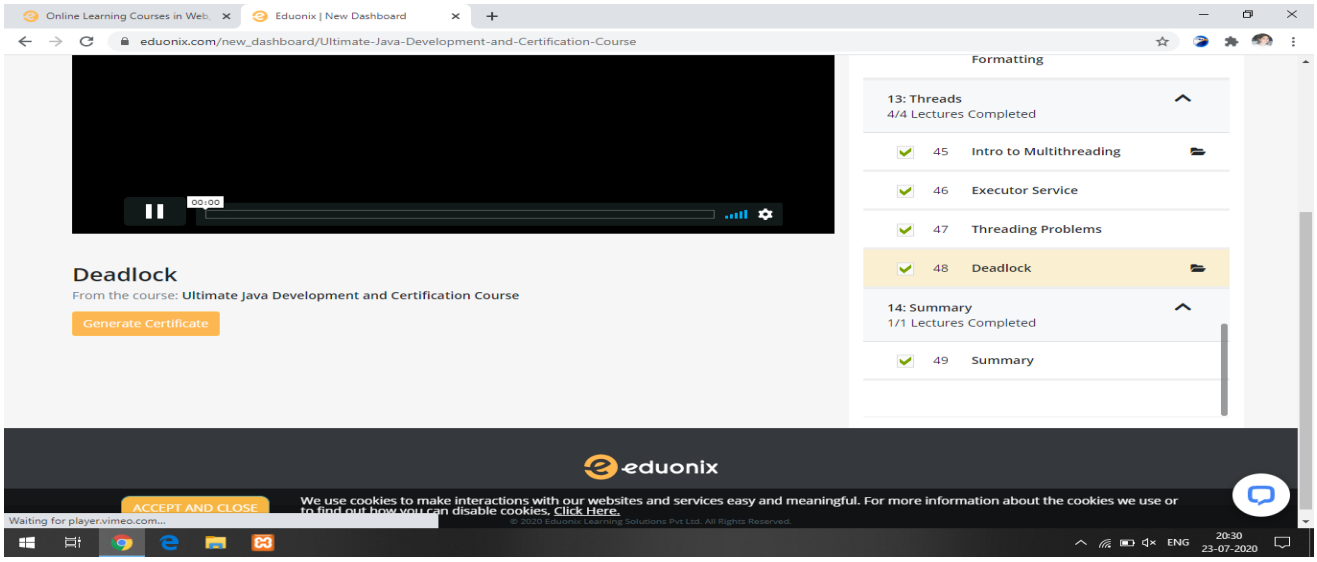
DAILY ONLINE ACTIVITIES SUMMARY

Date:	**20/07/2020**	**Name:**	**Divya C H**
Sem & Sec	**8th Sem**	**USN:**	**4AL16CS033**
Online Test Summary			
Subject	- -		
Max. Marks	- -	**Score**	- -
Certification Course Summary			
Course	**Ultimate java development**		
Certificate Provider	**Eduonix.com**	**Duration**	**20 hrs**
Coding Challenges			
Problem Statement: Write a C program to remove character except alphabets.			
Status: Completed			
Uploaded the report in Github	**Yes**		
If yes Repository name	**Daily_report**		
Uploaded the report in slack	**yes**		

Online Test Details:

- -

Certification Course Details:



Coding challenge:

Program 1:

```
#include <stdio.h>

#include <string.h>

void convert(char *num)

{

int len = strlen(num); // find no of digit

/* no number */

if (len == 0) {

fprintf(stderr, "empty string\n");
```

```
return;
}

char *single_digits[] = { "zero", "one", "two", "three", "four","five","six", "seven",
"eight", "nine"};

char *two_digits[] = {"", "ten", "eleven", "twelve", "thirteen",
"fourteen","fifteen", "sixteen","seventeen", "eighteen", "nineteen"};

char *tens_multiple[]={"", "","twenty","thirty","forty","fifty",
"sixty","seventy","eighty","ninety"};

char *tens_power[] = {"hundred", "thousand"};
/*single number*/
if (len == 1) {
printf("%s\n", single_digits[*num - '0']);
return;
}

while(*num!='\0'){
if (len >= 3) {
if (*num -'0' != 0) {
printf("%s ", single_digits[*num - '0']);
printf("%s ", tens_power[len-3]); // here len can be 3 or 4
}
--len;
```

```
}

/* Code path for last 2 digits */
else {
if (*num == '1') {
int sum = *num - '0' + *(num + 1) - '0';
printf("%s\n", two_digits[sum]);
return;
}
else if (*num == '2' && *(num + 1) == '0') {
printf("twenty\n");
return;
}

/* number range 21 to 99 */
else {
int i = *num - '0';
printf("%s \n", i? tens_multiple[i]: "");
++num;
if (*num != '0')
printf("%s \n", single_digits[*num - '0']);
}
}
++num;
}
```

```
}

int main(void)
{
char a[10];
printf("\nEnter the number : ");
scanf("%s",a);
printf("\nThe number in word is ");
convert(a);
printf("\n");
return 0;
}
```