

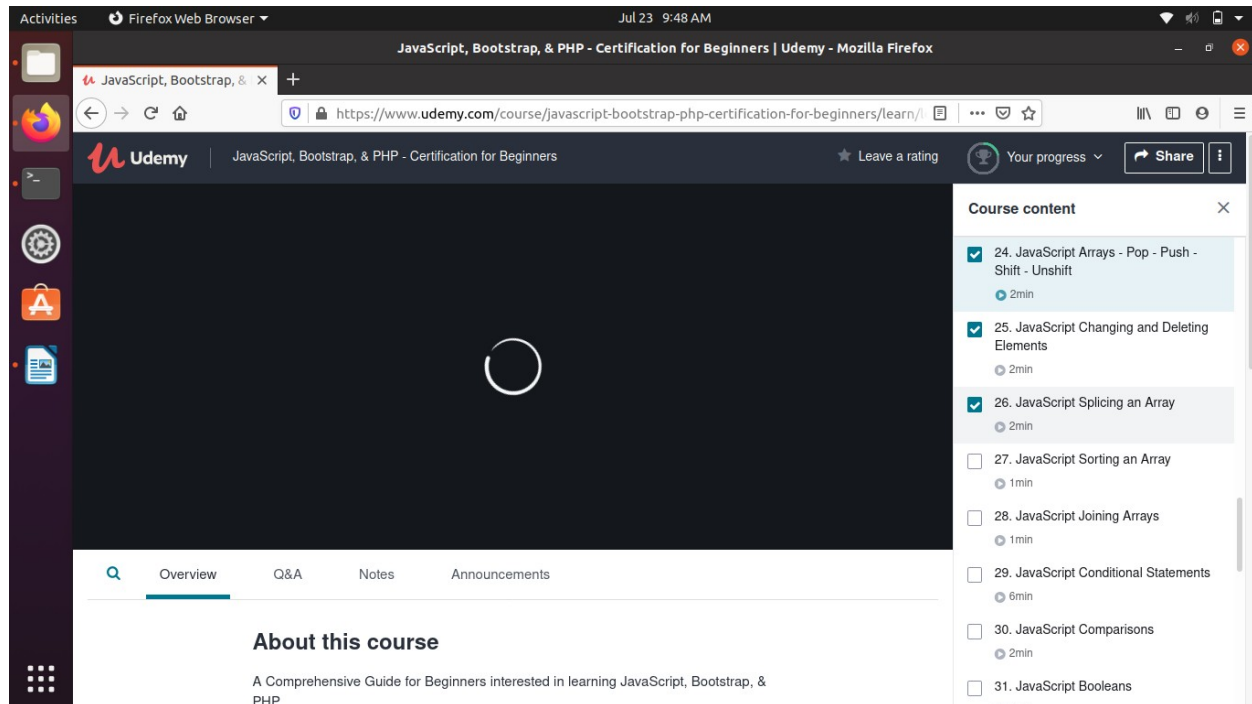
**DAILY ONLINE ACTIVITIES SUMMARY**

<b>Date:</b>	<b>23/07/2020</b>	<b>Name:</b>	<b>Gautham Prabhu</b>
<b>Sem &amp; Sec</b>	<b>8<sup>th</sup> Sem</b>	<b>USN:</b>	<b>4AL16CS035</b>
<b>Online Test Summary</b>			
<b>Subject</b>	<b>- -</b>		
<b>Max. Marks</b>	<b>- -</b>	<b>Score</b>	<b>- -</b>
<b>Certification Course Summary</b>			
<b>Course</b>	<b>JavaScript, Bootstrap, &amp; PHP - Certification for Beginners</b>		
<b>Certificate Provider</b>	<b>Udemy</b>	<b>Duration</b>	<b>3 hrs</b>
<b>Coding Challenges</b>			
<b>Problem Statement: Write a C program to convert decimal number to binary.</b>			
<b>Status: Completed</b>			
<b>Uploaded the report in Github</b>		<b>Yes</b>	
<b>If yes Repository name</b>		<b>Daily_report</b>	
<b>Uploaded the report in slack</b>		<b>yes</b>	

## Online Test Details:

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## Certification Course Details:



## Coding challenge:

### Program 1:

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

```
long int decimal_to_binary(int n)
```

```
{
```

```
    long int binary = 0;
```

```
    int remainder, i, flag = 1;
```

```
    for(i = 1; n != 0; i = i * 10)
```

```
    {
```

```
        remainder = n % 2;
```

```

n /= 2;
binary += remainder * i;
}
return binary;
}
int main()
{
int n;
printf("Enter a decimal number: ");
scanf("%d", &n);
printf("Equivalent binary number: %d\n", decimal_to_binary(n));
return 0;
}

```

The screenshot shows a Linux desktop environment with a terminal window open. The terminal displays the following commands and output:

```

gautham_prabhu@gautham:~$ cd work/c/
gautham_prabhu@gautham:~/work/c$ gedit decimal_to_binary.c
gautham_prabhu@gautham:~/work/c$ gcc decimal_to_binary.c -o decimal_to_binary
decimal_to_binary.c: In function 'main':
decimal_to_binary.c:19:36: warning: format '%d' expects argument of type 'int',
but argument 2 has type 'long int' [-Wformat=]
19 | printf("Equivalent binary number: %d\n", decimal_to_binary(n));
   |                                ^~      |
   |                                int     | long int
   |                                %ld      |
gautham_prabhu@gautham:~/work/c$ ./decimal_to_binary
Enter a decimal number: 3
Equivalent binary number: 11
gautham_prabhu@gautham:~/work/c$

```

The terminal window is titled "gautham\_prabhu@gautham: ~/work/c". The desktop background is dark, and the terminal window is overlaid on a Firefox browser window. The browser window shows a "New Tab" with a search bar and a sidebar with various icons including a terminal icon, a gear icon, and a folder icon. The sidebar also includes links to "gmail", "flipkart", "youtube", and "swayam".