

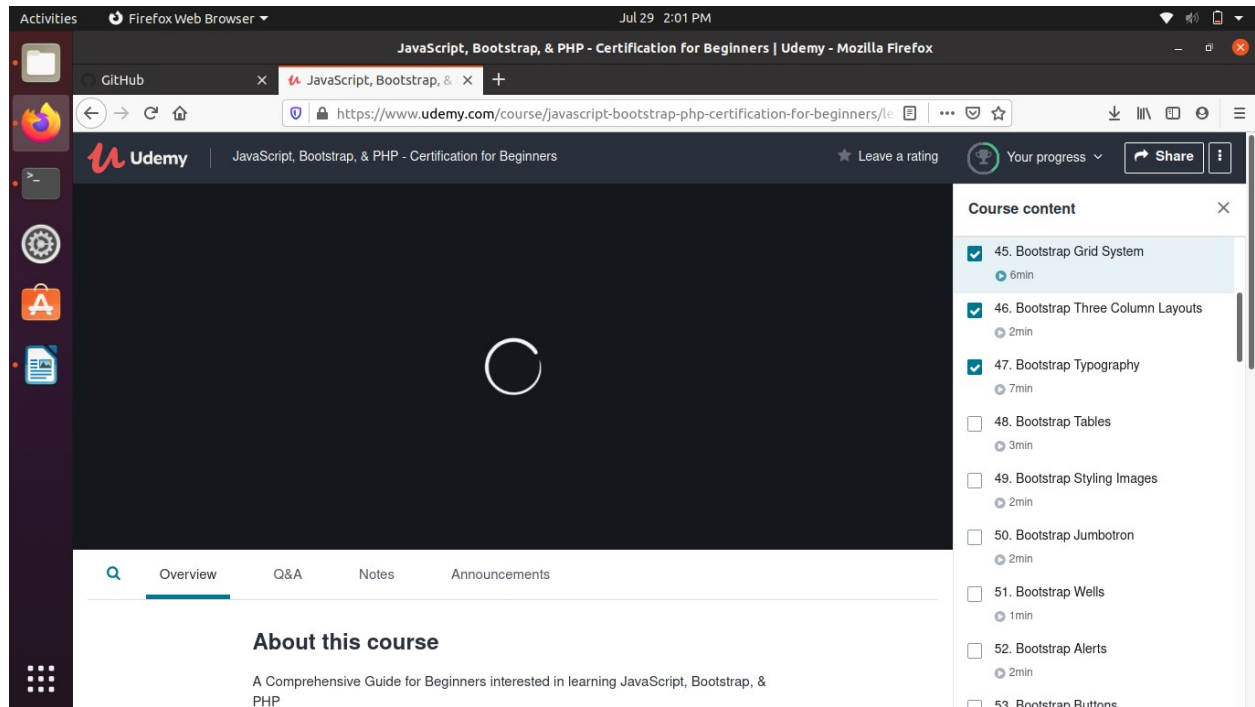
**DAILY ONLINE ACTIVITIES SUMMARY**

<b>Date:</b>	<b>29/07/2020</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 to octal</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>
```

```
#include <math.h>
```

```
int convertDecimalToOctal(int decimalNumber);
```

```
int main()
```

```
{
```

```
    int decimalNumber;
```

```
printf("Enter a decimal number: ");
```

```
scanf("%d", &decimalNumber);
```

```
printf("%d in decimal = %d in octal\n", decimalNumber,  
convertDecimalToOctal(decimalNumber));
```

```
return 0;
```

```
}
```

```
int convertDecimalToOctal(int decimalNumber)
```

```
{
```

```
int octalNumber = 0, i = 1;
```

```
while (decimalNumber != 0)
```

```
{
```

```
octalNumber += (decimalNumber % 8) * i;
```

```
decimalNumber /= 8;
```

```
i *= 10;
```

```
}
```

```
return octalNumber;
```

```
}
```

ActivitiesTerminalJul 29 2:00 PMJavaScript, Bootstrap, & PHP - Certification for Beginners | Udemy - Mozilla Firefox

gautham\_prabhu@gautham: ~/work/c

CDgautham\_prabhu@gautham:~\$ cd work/c/  
gautham\_prabhu@gautham:~/work/c\$ gedit decimal\_to\_octal.c  
gautham\_prabhu@gautham:~/work/c\$ gcc decimal\_to\_octal.c  
-gautham\_prabhu@gautham:~/work/c\$ gcc decimal\_to\_octal.c -o decimal\_to\_octal  
Terminal gautham\_prabhu@gautham:~/work/c\$ ./decimal\_to\_octal  
Enter a decimal number: 16  
16 in decimal = 20 in octal  
gautham\_prabhu@gautham:~/work/c\$

n-for-beginners/learn/le

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English

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