

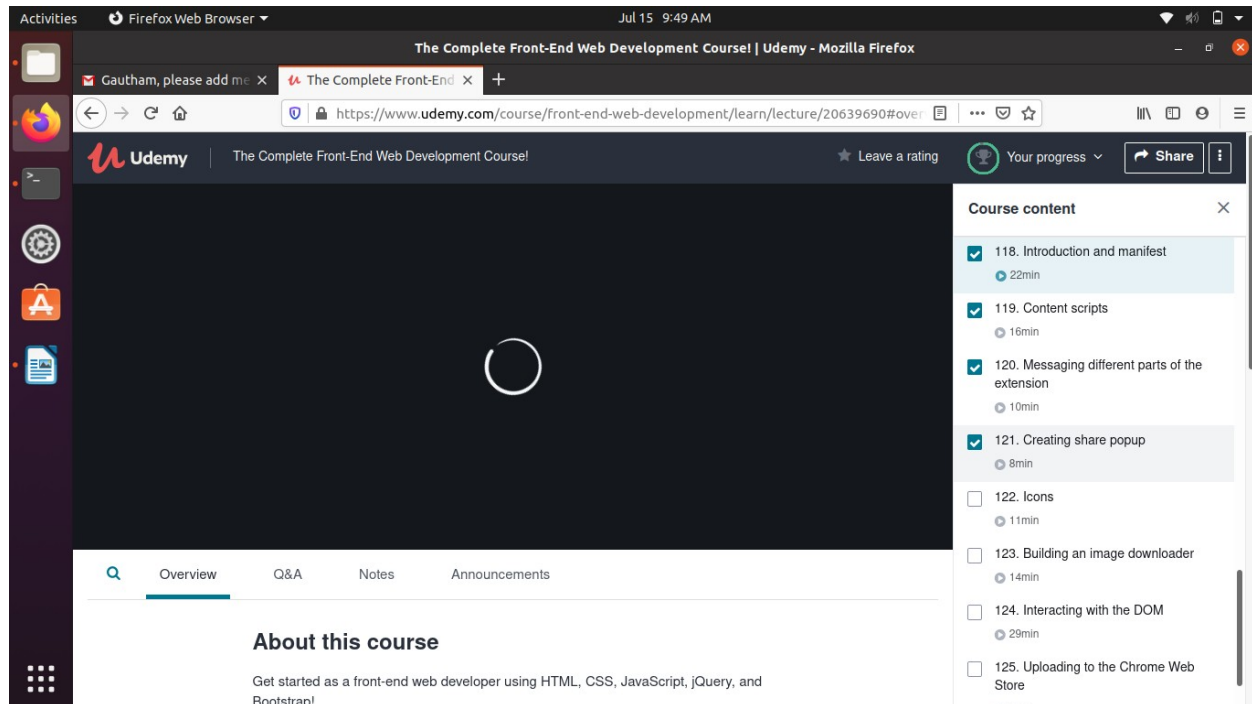
DAILY ONLINE ACTIVITIES SUMMARY

Date:	15/07/2020	Name:	Gautham Prabhu
Sem & Sec	8th Sem	USN:	4AL16CS035
Online Test Summary			
Subject	- -		
Max. Marks	- -	Score	- -
Certification Course Summary			
Course	The Complete Front-End Web Development Course		
Certificate Provider	Udemy	Duration	3 hrs
Coding Challenges			
Problem Statement: Write a C program to find all triplets with given sum			
Status: Completed			
Uploaded the report in Github		Yes	
If yes Repository name		Daily_report	
Uploaded the report in slack		yes	

Online Test Details:

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Certification Course Details:



Coding challenge:

Program 1:

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

```
void find_all_triplets(int arr[], int n, int sum)
```

```
{
```

```
for (int i = 0; i < n - 2; i++)
```

```
{
```

```
for (int j = i + 1; j < n - 1; j++)
```

```
{
```

```
for (int k = j + 1; k < n; k++)
```

```
{  
if (arr[i] + arr[j] + arr[k] == sum)  
{  
printf("%d,%d,%d\n",arr[i],arr[j],arr[k]);  
}}}}
```

```
int main()  
{  
int n, sum;  
printf("\nEnter the number of elements : ");  
scanf("%d",&n);  
int arr[n];  
printf("\nInput the array elements : ");  
for(int i = 0; i < n; i++)  
{  
scanf("%d",&arr[i]);  
}  
printf("\nEnter the sum value : ");  
scanf("%d",&sum);  
printf("\nThe triplets are \n ");  
find_all_triplets(arr, n, sum);  
return 0;  
}
```

ActivitiesTerminalJul 15 9:53 AM

gautham_prabhu@gautham: ~/work/c

gautham_prabhu@gautham:~\$ cd work/c/
gautham_prabhu@gautham:~/work/c\$ gedit triplets.c
gautham_prabhu@gautham:~/work/c\$ gcc triplets.c -o triplets
gautham_prabhu@gautham:~/work/c\$./triplets

Enter the number of elements : 6
Enter array elements : 2 9 7 3 1 7

Enter the sum value : 12

The triplets are
2,9,1
2,7,3
2,3,7
gautham_prabhu@gautham:~/work/c\$

File Writer

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ent Course	
3 hrs	
plets with given sum	
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