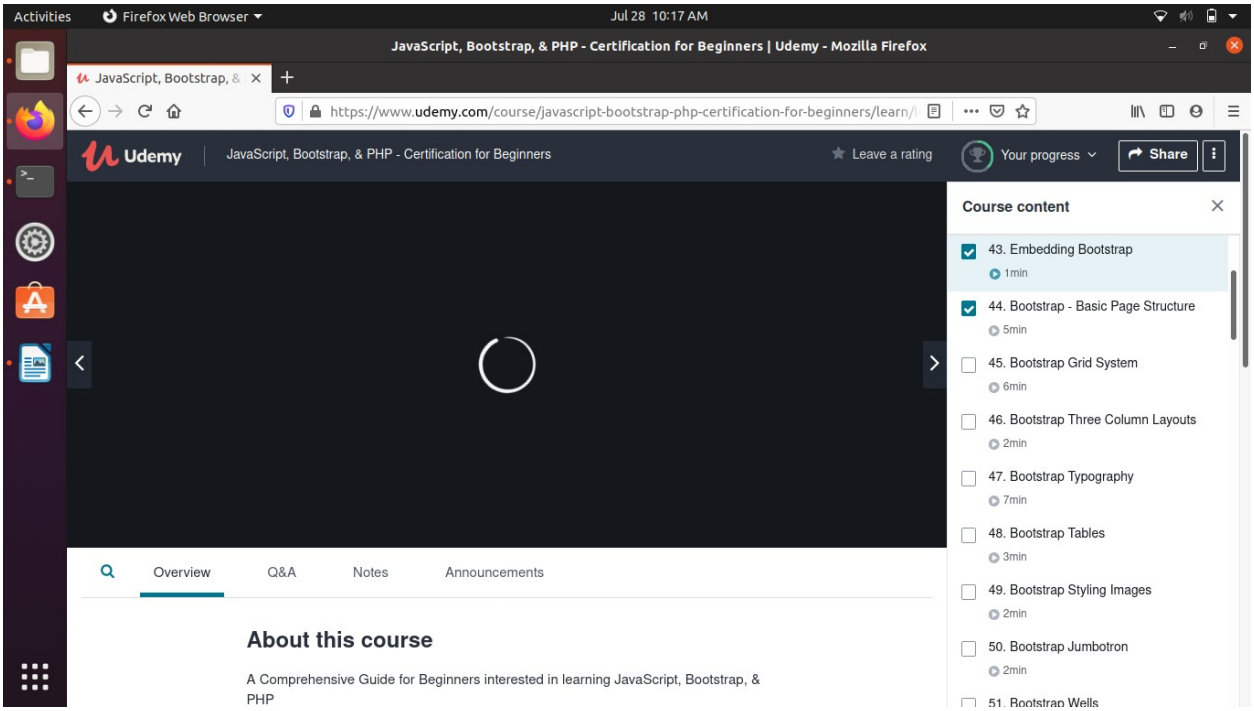
DAILY ONLINE ACTIVITIES SUMMARY

Date:	**28/07/2020**	**Name:**	**Gautham Prabhu**
Sem & Sec	**8th Sem**	**USN:**	**4AL16CS035**
Online Test Summary			
Subject	**- -**		
Max. Marks	**- -**	**Score**	**- -**
Certification Course Summary			
Course	**JavaScript, Bootstrap, & PHP - Certification for Beginners**		
Certificate Provider	**Udemy**	**Duration**	**3 hrs**
Coding Challenges			
Problem Statement: Write a C program to find largest palindrome in array.			
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>


int check_palindrome(int n)
{
int div = 1;
while (n / div >= 10)
div *= 10;
```

```
while (n != 0)
{
int first = n / div;
int last = n % 10;

// If first and last digits are not same then return false
if (first != last)
return -1;

// Removing the leading and trailing digits from the number
n = (n % div) / 10;

// Reducing divisor by a factor of 2 as 2 digits are dropped
div = div / 100;
}
return 1;
}
int large_palindrome(int A[], int n)
{

for(int i=0; i<=n; i++)
{
for(int j=i; j<= n; j++)
{
if(A[i] >A [j])
```

```
{
int temp = A[i];
A[i] = A[j];
A[j] = temp;
}
}
}

for(int i=0; i<n; i++)
{
printf("%d ", A[i]);
}

for (int i = n - 1; i >= 0; --i)
{
if (check_palindrome(A[i]) == 1)
return A[i];
}
return -1;
}
int main()
{
int a[15], n, i;
printf("Enter the number of entries: \n");
scanf("%d", &n);
```

```
printf("Enter the elements: \n");
for(i=0; i<n; i++)
scanf("%d", &a[i]);
printf("\n Largest Palindrome: %d\n", large_palindrome(a, n));
return 0;
}
```