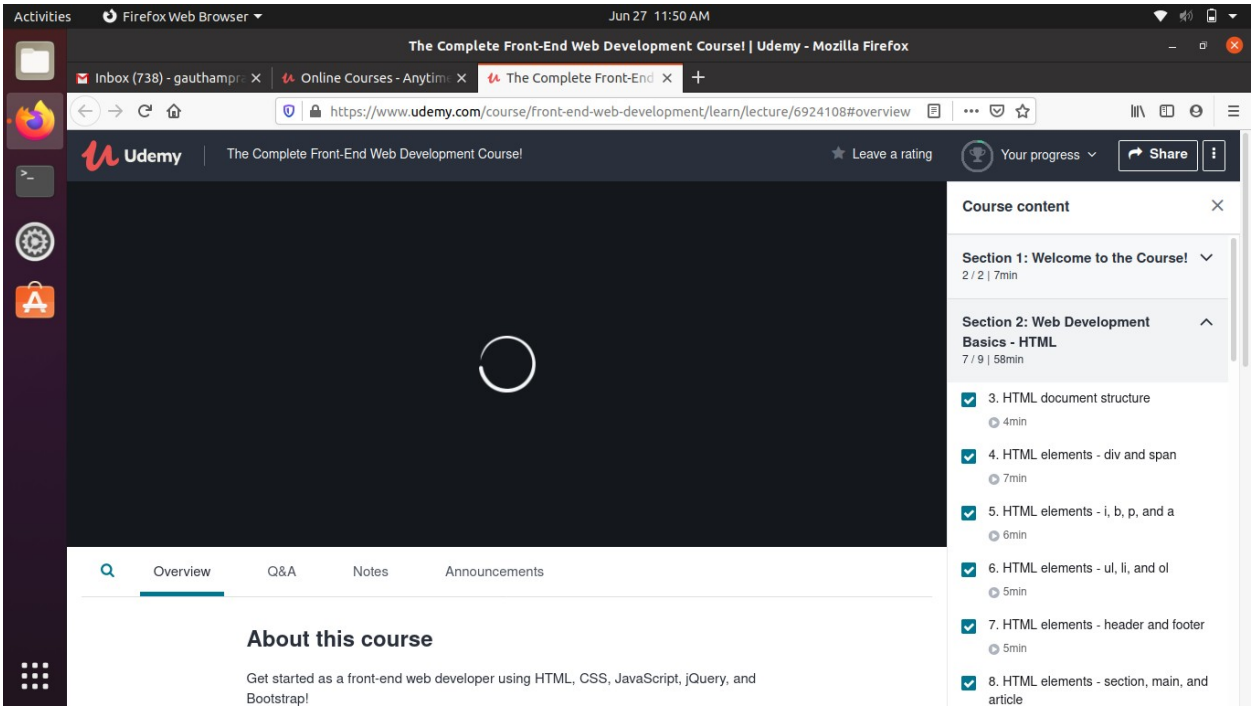
DAILY ONLINE ACTIVITIES SUMMARY

Date:	**27/06/2020**	**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.com/**	**Duration**	**3 hrs**
Coding Challenges			
Problem Statement: 1) Write a C program to find largest palindrome in given 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 Challenges Details:

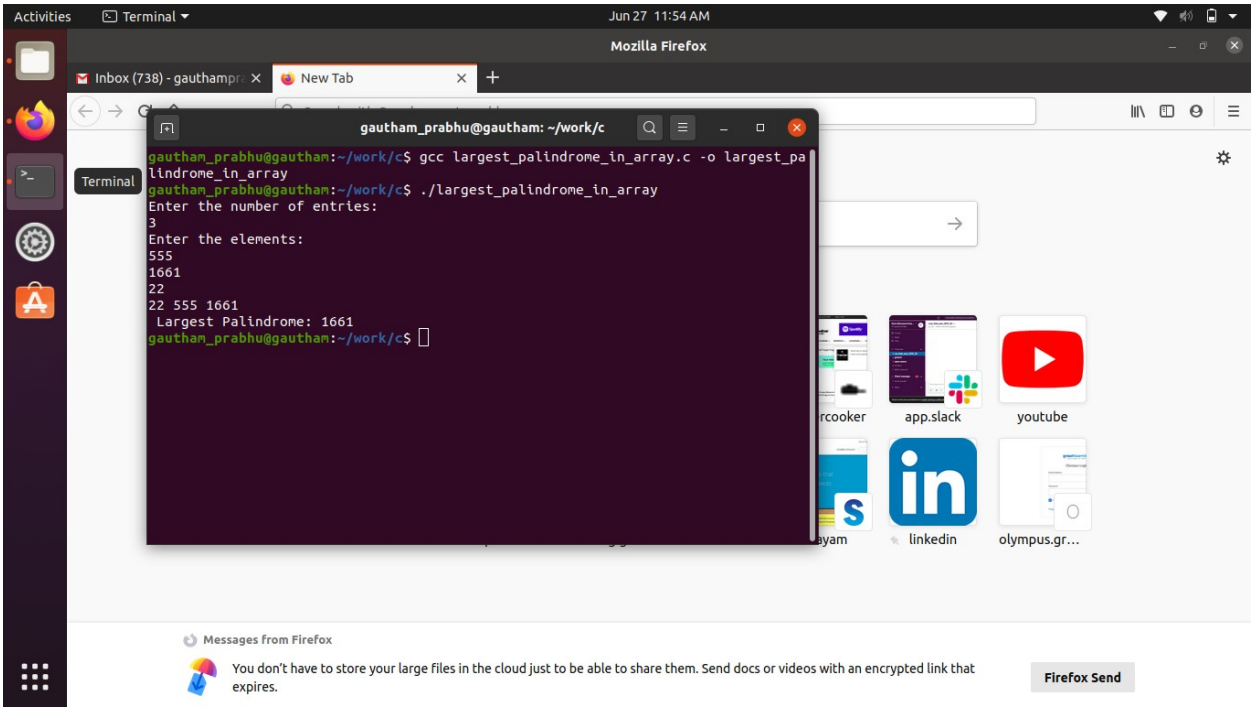
Program 1:

```
#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)
```

```
{
   int i;
   // Sort the array
   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 (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;
}
```


Activities
Terminal
Jun 27 11:54 AM
Mozilla Firefox
Inbox (738) - gauthampra
New Tab
Terminal
gautham_prabhu@gautham: ~/work/c
gautham_prabhu@gautham:~/work/c$ gcc largest_palindrome_in_array.c -o largest_palindrome_in_array
gautham_prabhu@gautham:~/work/c$ ./largest_palindrome_in_array
Enter the number of entries:
3
Enter the elements:
555
1661
22
22 555 1661
Largest Palindrome: 1661
gautham_prabhu@gautham:~/work/c$
app.slack
youtube
linkedin
olympus.gr...
Messages from Firefox
You don't have to store your large files in the cloud just to be able to share them. Send docs or videos with an encrypted link that expires.
Firefox Send