

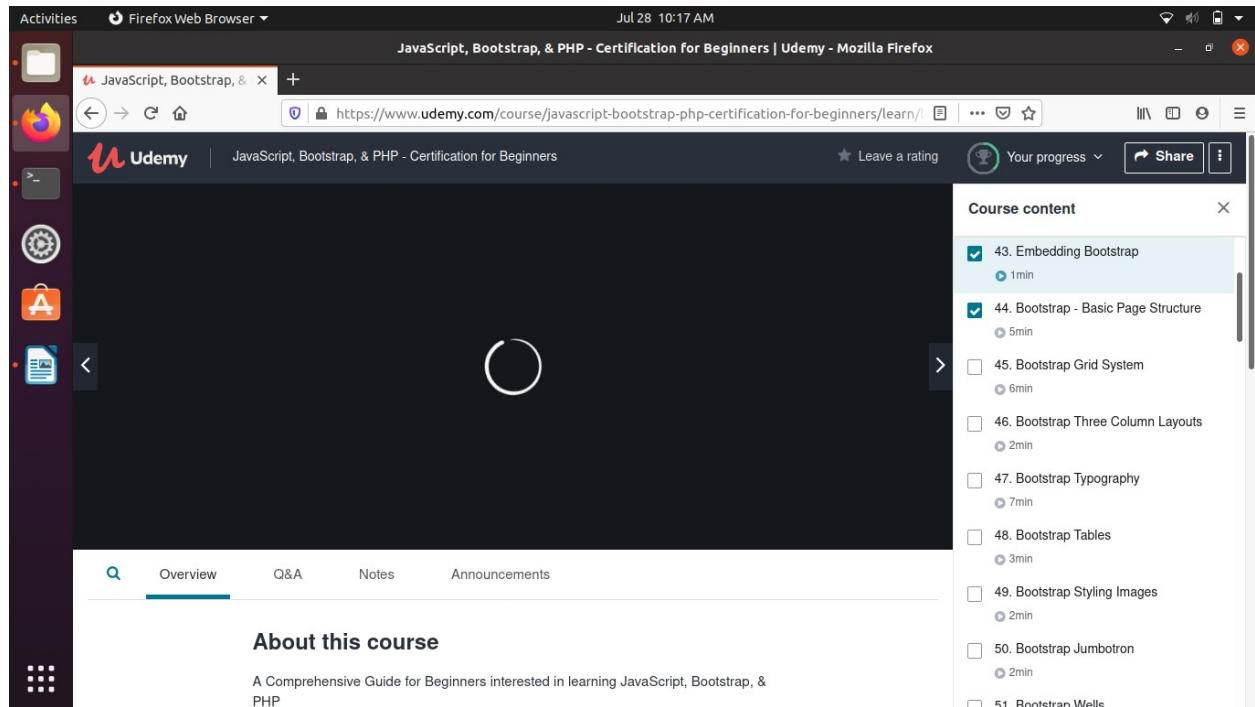
**DAILY ONLINE ACTIVITIES SUMMARY**

<b>Date:</b>	<b>28/07/2020</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 find largest palindrome in array.</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:

--

## 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");
```

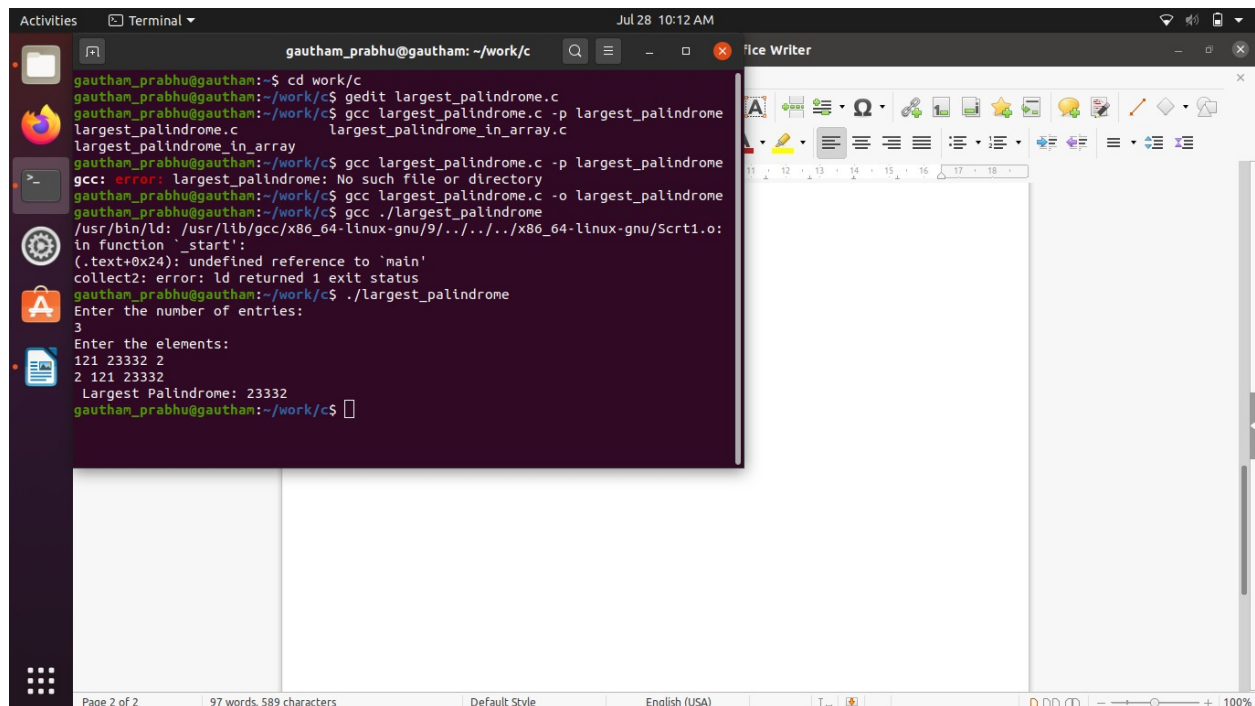
```
for(i=0; i<n; i++)
```

```
scanf("%d", &a[i]);
```

```
printf("\n Largest Palindrome: %d\n", large_palindrome(a, n));
```

```
return 0;
```

```
}
```



The screenshot shows a Linux desktop environment. On the left, there is a sidebar with icons for Activities, Terminal, and other applications. The main window is a terminal titled "gautham\_prabhu@gautham: ~/work/c". The terminal output shows the following commands and results:

```
gautham_prabhu@gautham:~$ cd work/c
gautham_prabhu@gautham:~/work/c$ gedit largest_palindrome.c
gautham_prabhu@gautham:~/work/c$ gcc largest_palindrome.c -p largest_palindrome
largest_palindrome.c
largest_palindrome_in_array
gautham_prabhu@gautham:~/work/c$ gcc largest_palindrome.c -p largest_palindrome
gcc: error: largest_palindrome: No such file or directory
gautham_prabhu@gautham:~/work/c$ gcc largest_palindrome.c -o largest_palindrome
gautham_prabhu@gautham:~/work/c$ gcc ./largest_palindrome
/usr/bin/ld: /usr/lib/gcc/x86_64-linux-gnu/9/../../../../x86_64-linux-gnu/Scrt1.o:
in function `_start':
(.text+0x24): undefined reference to `main'
collect2: error: ld returned 1 exit status
gautham_prabhu@gautham:~/work/c$ ./largest_palindrome
Enter the number of entries:
3
Enter the elements:
121 23332 2
2 121 23332
Largest Palindrome: 23332
gautham_prabhu@gautham:~/work/c$
```

On the right, there is a text editor window titled "Ice Writer" with a blank document. The bottom status bar of the terminal shows "Page 2 of 2", "97 words, 589 characters", "Default Style", "English (USA)", and "100%".