

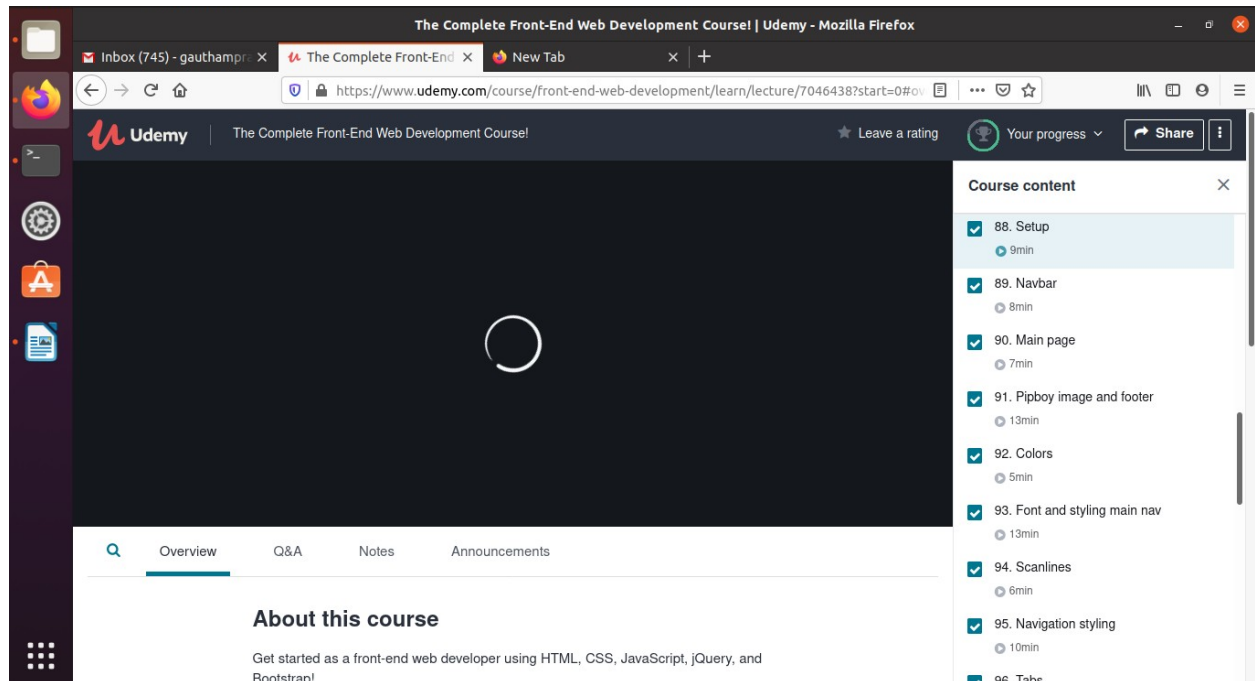
**DAILY ONLINE ACTIVITIES SUMMARY**

<b>Date:</b>	<b>11/07/2020</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>The Complete Front-End Web Development Course</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 first non repeating character of string.</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<stdlib.h>
```

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

```
#define NO_OF_CHARS 256
```

```
int *get_char_count(char *str)
```

```
{
```

```
    int *count = (int *)calloc(sizeof(int), NO_OF_CHARS);
```

```
    int i;
```

```
        for (i = 0; *(str+i); i++)
            count[*(str+i)]++;
        return count;
    }
```

```
int first_non_repeating_character(char *str)
{
    int *count = get_char_count(str);
    int index = -1, i;

    for (i = 0; *(str+i); i++)
    {
        if (count[*(str+i)] == 1)
        {
            index = i;
            break;
        }
    }

    free(count);
    return index;
}
```

```
int main()
{
```

```

char str[NO_OF_CHARS];

printf("\nEnter the string : ");

scanf("%s",&str);

int index = first_non_repeating_character(str);

if (index == -1)

    printf("All the characters are repetitive");

else

    printf("First non-repeating character is %c",

str[index]);

getchar();

printf("\n");

return 0;

}

```

