

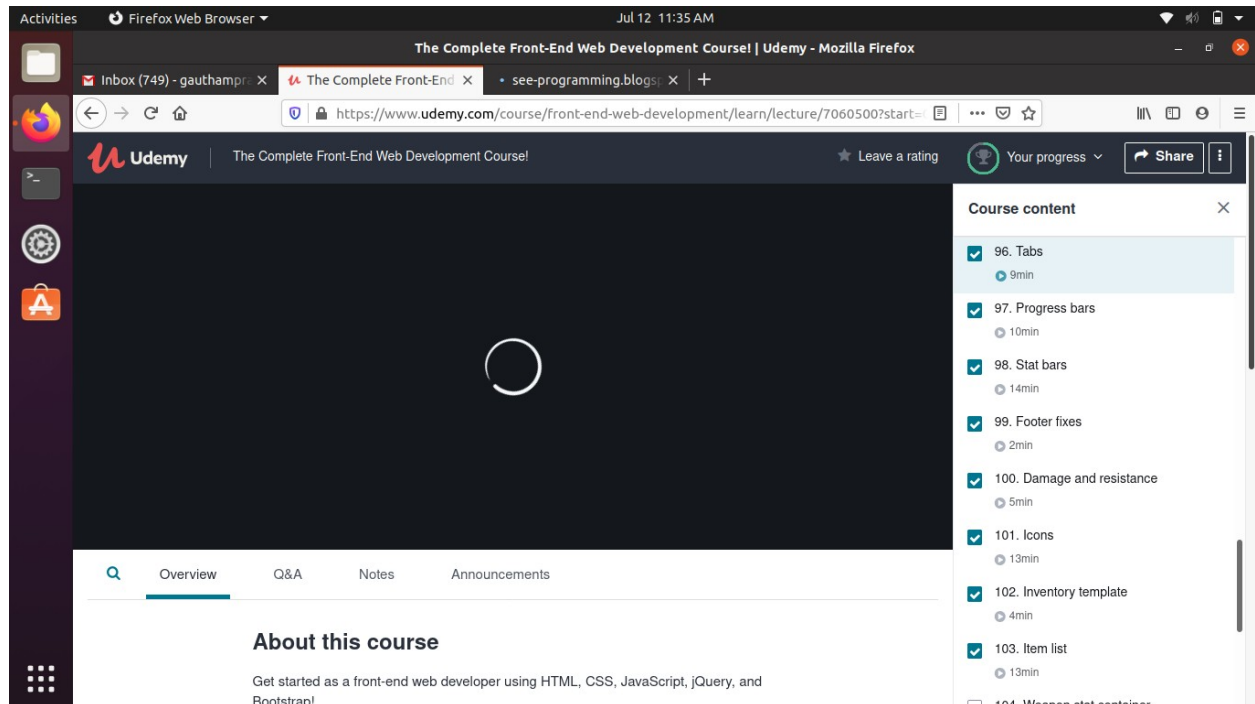
**DAILY ONLINE ACTIVITIES SUMMARY**

<b>Date:</b>	<b>12/07/2020</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 replace the sub-string in main 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 <stdio.h>
```

```
#include <string.h>
```

```
#include <stdlib.h>
```

```
/*Function to replace a string with another string*/
```

```
char *rep_str(const char *s, const char *old, const char *new1)
```

```
{
```

```

char *ret;

int i, count = 0;

int newlen = strlen(new1);
int oldlen = strlen(old);

for (i = 0; s[i] != '\0'; i++)
{
    if (strstr(&s[i], old) == &s[i])
    {
        count++;
        i += oldlen - 1;
    }
}

ret = (char *)malloc(i + count * (newlen - oldlen));

if (ret == NULL)
    exit(EXIT_FAILURE);

i = 0;
while (*s)
{
    if (strstr(s, old) == s) //compare the substring with the newstring
    {
        strcpy(&ret[i], new1);
        i += newlen; //adding newlength to the new string
        s += oldlen; //adding the same old length the old string
    }
}

```

```
        else
            ret[i++] = *s++;
    }
    ret[i] = '\0';
    return ret;
}
```

```
int main(void)
{
    char mystr[100], c[10], d[10];
    printf("Enter a string :\n");
    gets(mystr);
    printf("Enter the character to be replaced:\n");
    scanf(" %s",c);
    printf("Enter the new character:\n");
    scanf(" %s",d);
    char *newstr = NULL;

    puts(mystr);
    newstr = rep_str(mystr, c,d);
    printf("%s\n", newstr);
    free(newstr);
    printf("\n");
    return 0;
}
```

