

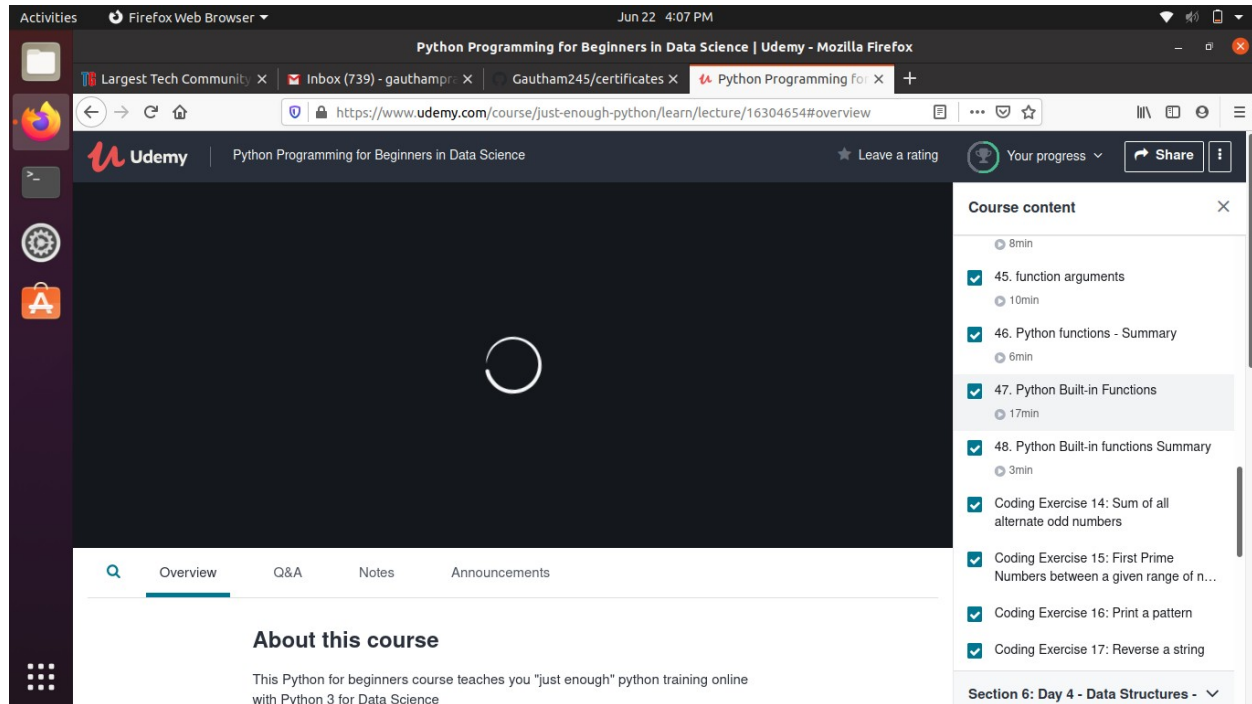
### **DAILY ONLINE ACTIVITIES SUMMARY**

<b>Date:</b>	<b>22/06/2020</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>System Model-ling and Simulation</b>		
<b>Max. Marks</b>	<b>60</b>	<b>Score</b>	<b>- -</b>
<b>Certification Course Summary</b>			
<b>Course</b>	<b>Python Programming for Beginners in Data Science</b>		
<b>Certificate Provider</b>	<b>udemy.com/</b>	<b>Duration</b>	<b>4 hrs</b>
<b>Coding Challenges</b>			
<b>Problem Statement: 1) How to find the first non repeated character of a given 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 Challenges Details:

### Program 1:

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

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

```
#define NO_OF_CHARS 256
```

```
int* getCharCountArray(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 firstNonRepeating(char* str)
    {
        int* count = getCharCountArray(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[] = "fgchfytrfuyguijp";
    int index = firstNonRepeating(str);
    if (index == -1)
        printf("Either all characters are repeating or
string is empty");
    else
        printf("First non-repeating character is %c",
str[index]);
    getchar();
    return 0;
}
```

ActivitiesTerminalJun 22 4:22 PM

DivyashreeNaik (Divyashree) / Repositories - Mozilla Firefox

gautham\_prabhu@gautham: ~/work/c

```
gautham_prabhu@gautham:~$ cd work/c/
gautham_prabhu@gautham:~/work/c$ gedit non_repeating_char.c
gautham_prabhu@gautham:~/work/c$ gcc non_repeating_char.c -o non_repeating_char
gautham_prabhu@gautham:~/work/c$ ./non_repeating_char
First non-repeating character is d
```

DivyashreeNaik

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