

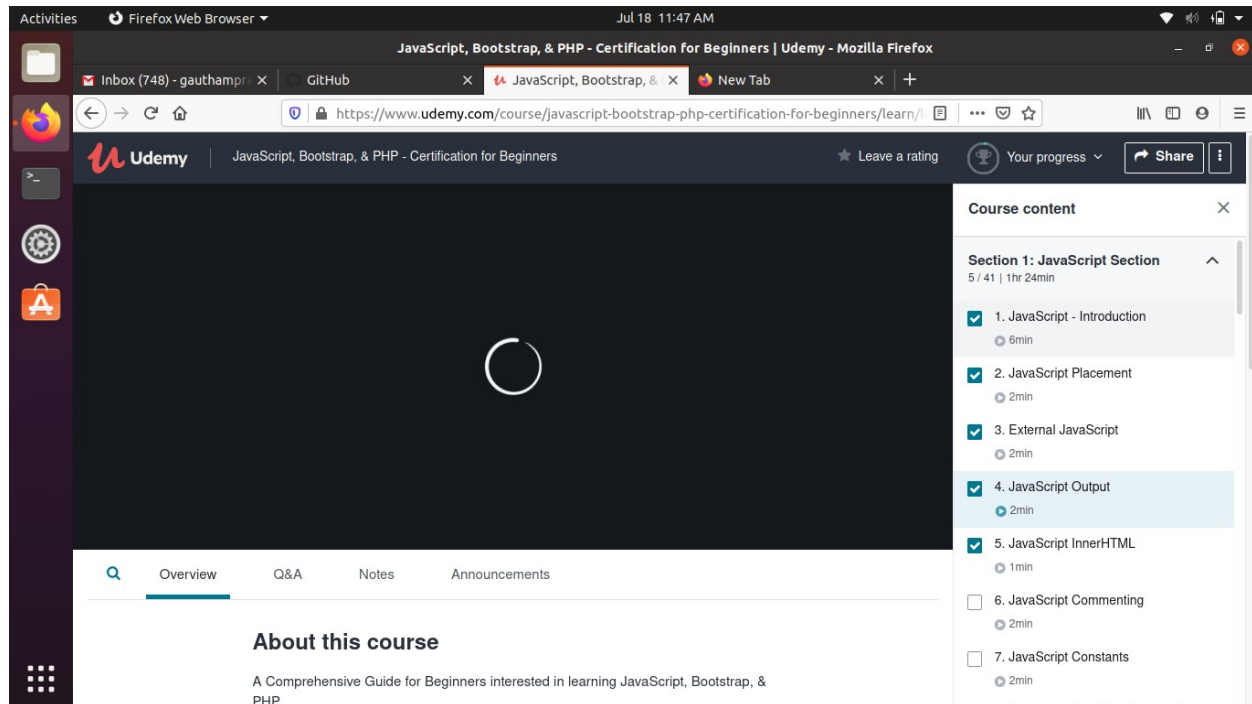
DAILY ONLINE ACTIVITIES SUMMARY

Date:	18/07/2020	Name:	Gautham Prabhu
Sem & Sec	8th Sem	USN:	4AL16CS035
Online Test Summary			
Subject	- -		
Max. Marks	- -	Score	- -
Certification Course Summary			
Course	JavaScript, Bootstrap, & PHP - Certification for Beginners		
Certificate Provider	Udemy	Duration	3 hrs
Coding Challenges			
Problem Statement: Write a C program to find highest occurring character in a string.			
Status: Completed			
Uploaded the report in Github		Yes	
If yes Repository name		Daily_report	
Uploaded the report in slack		yes	

Online Test Details:

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Certification Course Details:



Coding challenge:

Program 1:

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

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

```
#define ASCII_SIZE 256
```

```
char getMaxOccuringChar(char* str)
```

```
{
```

```
    // Create array to keep the count of individual
```

```
    // characters and initialize the array as 0
```

```
int count[ASCII_SIZE] = {0};

// Construct character count array from the input
// string.
int len = strlen(str);
int max = 0; // Initialize max count
char result; // Initialize result

// Traversing through the string and maintaining
// the count of each character
for (int i = 0; i < len; i++) {
    count[str[i]]++;
    if (max < count[str[i]]) {
        max = count[str[i]];
        result = str[i];
    }
}

return result;
}

// Driver program to test the above function
int main()
{
    char str[] = "sample string";
```

```
printf("Enter the string: ");
```

```
gets(str);
```

```
printf("Max occurring character is %c\n", getMaxOccuringChar(str));
```

```
}
```

