

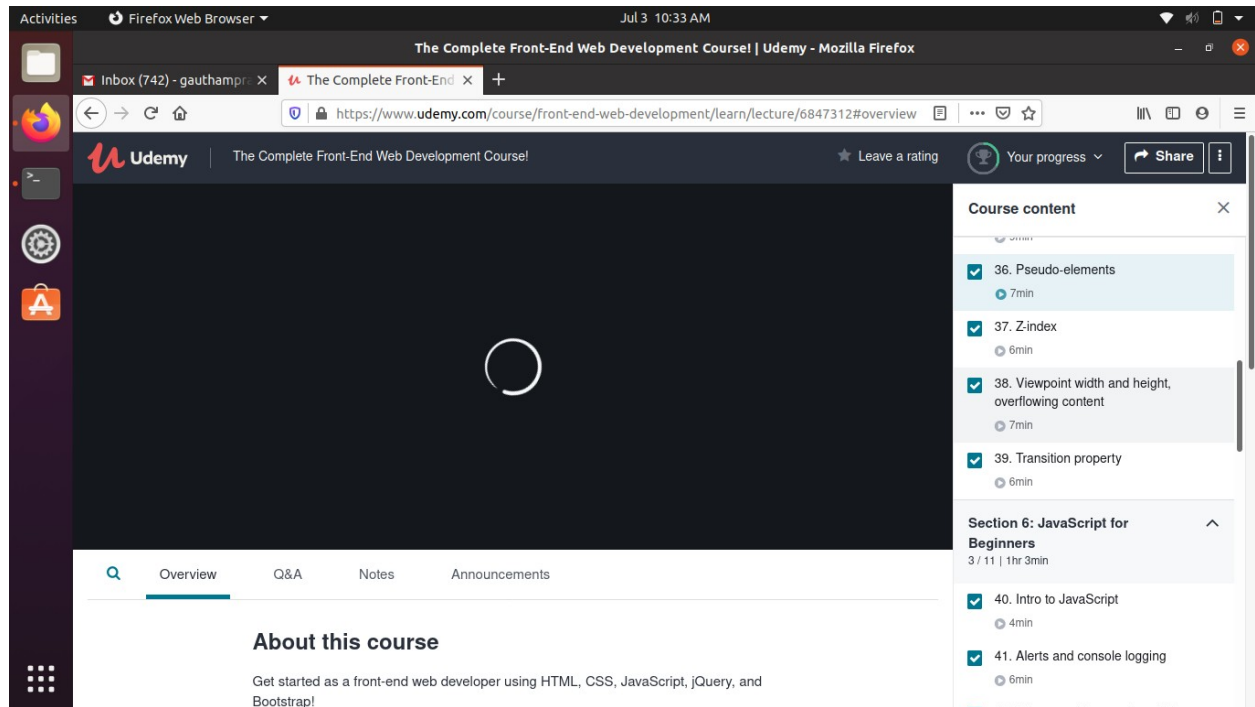
DAILY ONLINE ACTIVITIES SUMMARY

Date:	03/07/2020	Name:	Gautham Prabhu
Sem & Sec	8th Sem	USN:	4AL16CS035
Online Test Summary			
Subject	- -		
Max. Marks	- -	Score	- -
Certification Course Summary			
Course	The Complete Front-End Web Development Course		
Certificate Provider	Udemy	Duration	3 hrs
Coding Challenges			
Problem Statement: Write a C program to count number of positive number and negative number in given array.			
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:

Peogram 1:

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

```
int countPositiveNumbers(int* arr, int n)
```

```
{
```

```
    int pos_count = 0;
```

```
    int i;
```

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

```
        if (arr[i] > 0)
```

```
        pos_count++;  
    }  
    return pos_count;  
}
```

```
int countNegativeNumbers(int* arr, int n)  
{  
    int neg_count = 0;  
    int i;  
    for (i = 0; i < n; i++) {  
        if (arr[i] < 0)  
            neg_count++;  
    }  
    return neg_count;  
}
```

```
void printArray(int* arr, int n)  
{  
    int i;  
  
    printf("Array: ");  
    for (i = 0; i < n; i++) {  
        printf("%d ", arr[i]);  
    }  
    printf("\n");  
}
```

```
}
```

```
int main()
```

```
{
```

```
    int arr[] = { 2, -1, 5, 6, 0, -3 };
```

```
    int n;
```

```
    n = sizeof(arr) / sizeof(arr[0]);
```

```
    printArray(arr, n);
```

```
    printf("Count of Positive elements = %d\n",
```

```
        countPositiveNumbers(arr, n));
```

```
    printf("Count of Negative elements = %d\n",
```

```
        countNegativeNumbers(arr, n));
```

```
    return 0;
```

```
}
```

