DAILY ONLINE ACTIVITIES SUMMARY

Date:	01/07/2020	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 generate first n Ugly Numbers
Status: Completed

Uploaded the report in Github	Yes
If yes Repository name	Daily_report
Uploaded the report in slack	yes

Online Test Details:

- -

Certification Course Details:
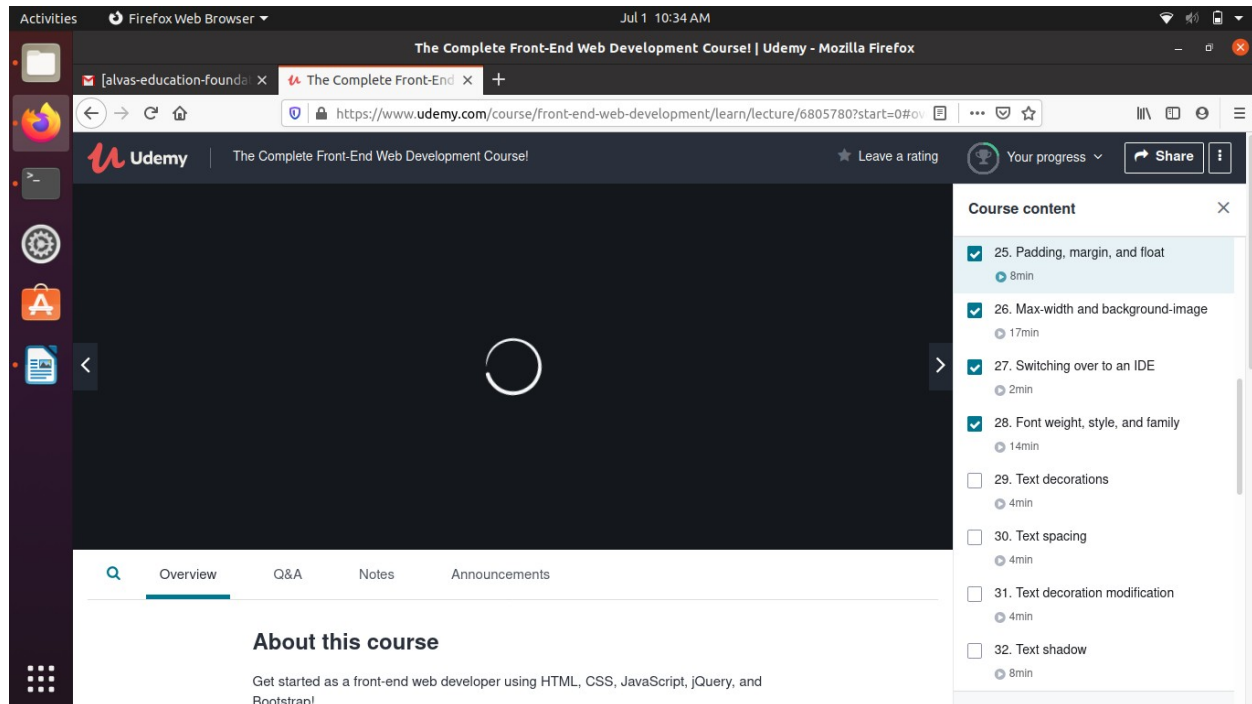
Coding challenge:

Peogram 1:

include<stdio.h>

include<stdlib.h>

/*This function divides a by greatest divisible

  power of b*/

int maxDivide(int a, int b)

{

  while (a%b == 0)

```c
  a = a/b;

  return a;

}


/* Function to check if a number is ugly or not */

int isUgly(int no)

{

  no = maxDivide(no, 2);

  no = maxDivide(no, 3);

  no = maxDivide(no, 5);


  return (no == 1)? 1 : 0;

}


/* Function to get the nth ugly number*/

int getNthUglyNo(int n)

{

  int i = 1;

  int count = 1;   /* ugly number count */


  /*Check for all integers untill ugly count

    becomes n*/

  while (n > count)

  {

   i++;
```

```c
    if (isUgly(i))
      count++;
  }
  return i;
}


/* Driver program to test above functions */
int main()
{
    int n,i;
    printf("Enter the number: ");
    scanf("%d",&n);
    for(i=1;i<=n;i++)
    {
        unsigned no = getNthUglyNo(i);
        printf("%d ",  no);
    }
    printf("\n");
    return 0;
}
```

[alvas-education-foundation/final-year-2019-20-batch] Write a C Program to generate first n Ugly Numbers (#326) - gauthamprabhu245@gmail.com - Gmail - Mozilla Fir...

```
gautham_prabhu@gautham:~$ cd work/c/
gautham_prabhu@gautham:~/work/c$ gedit ugly_numbers.c
gautham_prabhu@gautham:~/work/c$ gcc ugly_numbers.c -o ugly_numbers
./gautham_prabhu@gautham:~/work/c$ ./ugly_numbers
Enter the number: 5
1 2 3 4 5
gautham_prabhu@gautham:~/work/c$
```

gautham_prabhu@gautham: ~/work/c

batch] Write a C Program to generate

Jun 30, 2020, 12:33 PM (21 hours ago)

e are 11 ugly numbers 1, 2, 3, 4, 5, 6, 8, 9, 10, 12, 15. The numbers 7, 11, 13
actor the 7 will come.

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Chat

Gautham

divya ch
Yentha madlikke kelsa ilva 😄 😄

Shashanka Rao C