DAILY ONLINE ACTIVITIES SUMMARY

Date:	30-06-2020	Name:	Deepika K V
Sem & Sec	8th sem 'A' sec	USN:	4AL16CS030

Online Test Summary			
Subject	-		
Max. Marks	-	Score	-

Certification Course Summary			
Course	Advance JavaScript for Coders: Learn OOP in JavaScript.		
Certificate Provider	eduonix	Duration	11.5 hrs

Coding Challenges
Problem Statement: Write a C program to generate first N ugly numbers.
Status: SUBMITTED

Uploaded the report in Github	YES
If yes Repository name	Codes
Uploaded the report in slack	YES

Online test details:

Certification Course Details: Completed 10 modules out of 10 modules

Coding Challenge:

```
#
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)
                   a = a/b;
```

```c
    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++;
    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++)
    {
```

```c
        unsigned no = getNthUglyNo(i);
        printf("%d ",  no);
    }
    return 0;
```