

**DAILY ONLINE ACTIVITIES SUMMARY**

<b>Date:</b>	<b>01/07/2020</b>	<b>Name:</b>	<b>Deepa</b>
<b>Sem &amp; Sec</b>	<b>8<sup>th</sup> Sem</b>	<b>USN:</b>	<b>4AL16CS029</b>
<b>Online Test Summary</b>			
<b>Subject</b>	<b>- -</b>		
<b>Max. Marks</b>	<b>- -</b>	<b>Score</b>	<b>- -</b>
<b>Certification Course Summary</b>			
<b>Course</b>	<b>Linux for absolute beginners</b>		
<b>Certificate Provider</b>	<b>Udemy</b>	<b>Duration</b>	<b>8 hrs</b>
<b>Coding Challenges</b>			
<b>Problem Statement: Write a C Program to generate first n Ugly Numbers</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:

### Section 1: Introduction to Linux



2 / 2 | 15min



1. Introduction to Linux

8min



2. Linux distributions explained

7min

### Section 2: Linux Installation



7 / 9 | 1hr 7min



3. VirtualBox installation and virtual machine setup

8min



4. Linux installation in a virtual machine

7min



5. Linux installation continued

6min



6. First boot up into Linux

2min



7. VirtualBox Guest Additions

8min



8. Ubuntu desktop customization

8min



9. Unity Tweak Tool

**Coding challenge:**

**Program 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)
```

```
    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++;

    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;
}

```