**DAILY ONLINE ACTIVITIES SUMMARY**

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| **Date:** | **08-07-2020** | | | | | **Name:** | **Deeksha D Poojary** | |
| **Sem & Sec** | **VIII Semester & A Section** | | | | | **USN:** | **4AL16CS026** | |
| **Online Test Summary** | | | | | | | | |
| **Subject** | | **-** | | | | | | |
| **Max. Marks** | | **-** | | **Score** | | | **-** | |
| **Certification Course Summary** | | | | | | | | |
| **Course** | **Introduction to Amazon Elastic Compute Cloud (EC2)** | | | | | | | |
| **Certificate Provider** | | | **Amazon Web Service** | | **Duration** | | | **10 minutes** |
| **Coding Challenges** | | | | | | | | |
| **Problem Statement: Write a program to find ugly numbers.** | | | | | | | | |
| **Status: COMPLETED** | | | | | | | | |
| **Uploaded the report in Github** | | | | | **YES** | | | |
| **If yes Repository name** | | | | | **deekshapoojari** | | | |
| **Uploaded the report in slack** | | | | | **YES** | | | |

Online Test Details:

NIL

Certification Course Coding Challenges Details:

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**Program1:**

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**# 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;**

**}**