DAILY ONLINE ACTIVITIES SUMMARY

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Date:** | **1/7/2020** | | | | **Name:** | **Sushmitha Shet** | |
| **Sem & Sec** | **8 B** | | | | **USN:** | **4al16cs110** | |
| Online Test Summary | | | | | | | |
| **Subject** | | **-** | | | | | |
| **Max. Marks** | |  | | **Score** | |  | |
| Certification Course Summary | | | | | | | |
| **Course** | **Introduction to Information Security.** | | | | | | |
| **Certificate Provider** | | | **Great Learning** | **Duration** | | | **5.5 hrs** |
| Coding Challenges | | | | | | | |
| **Problem Statement:**  Write a c program to find nth ugly number. | | | | | | | |
| **Status:-solved** | | | | | | | |
| **Uploaded the report in Github** | | | | **Yes** | | | |
| **If yes Repository name** | | | | **sushmithashet** | | | |
| **Uploaded the report in slack** | | | | **Yes** | | | |

Online coding:

program to find nth ugly number

# include<stdio.h>

# include<stdlib.h>

int maxDivide(int a, int b)

{

while (a%b == 0)

a = a/b;

return a;

}

int isUgly(int no)

{

no = maxDivide(no, 2);

no = maxDivide(no, 3);

no = maxDivide(no, 5);

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

}

int getNthUglyNo(int n)

{

int i = 1;

int count = 1;

while (n > count)

{

i++;

if (isUgly(i))

count++;

}

return i;

}

int main()

{

unsigned no = getNthUglyNo(150);

printf("150th ugly no. is %d ", no);

getchar();

return 0;

}