DAILY ONLINE ACTIVITIES SUMMARY

Date:	**23/05/2020**	**Name:**	**NIKHIL KUMAR**
Sem & Sec	**4th SEM & 'B' SEC.**	**USN:**	**4AL19CS400**

Online Test Summary

Subject	**DATA COMMUNICATION**		
Max. Marks	**30**	**Score**	**23**

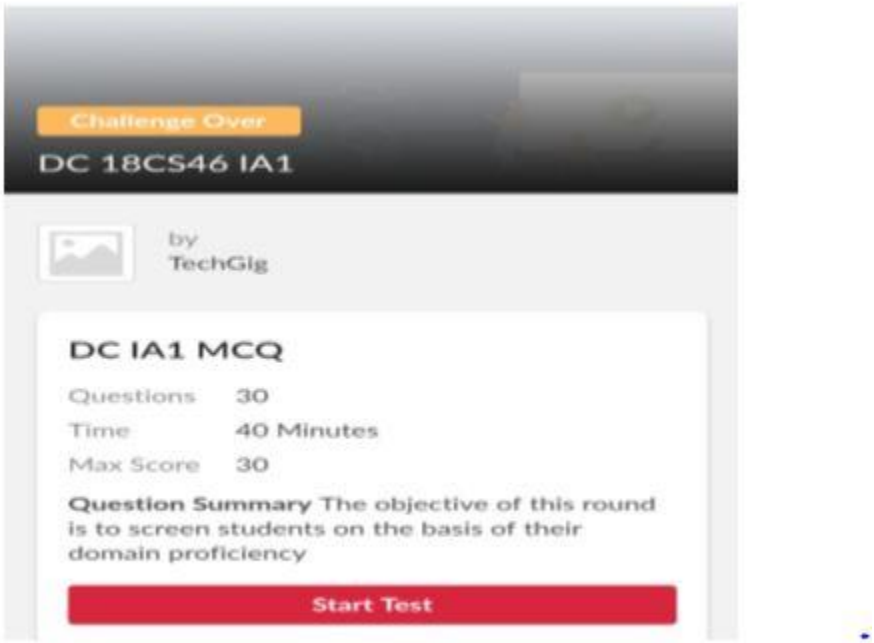
Certification Course Summary

Course	**Python for Machine Learning**		
Certificate Provider	**Greatlearning academy**	**Duration**	**5 Hrs.**

Coding Challenges

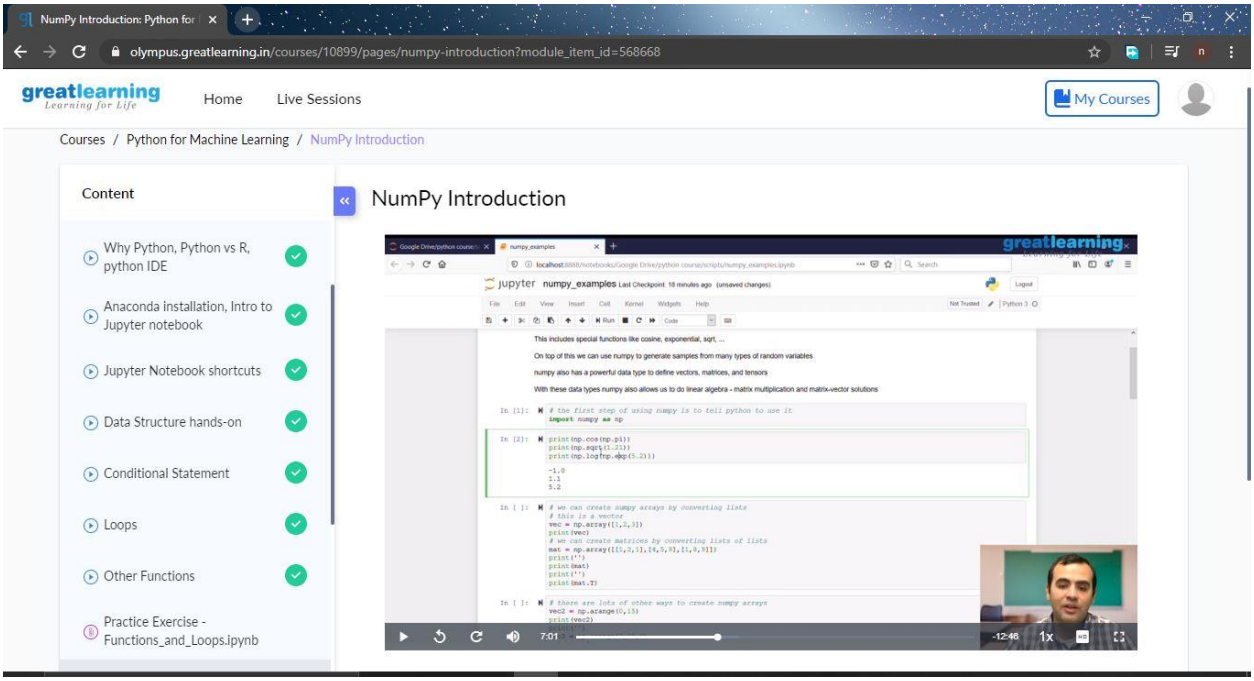
Problem statement : write a c program to generate first N Triangular Numbers (where N is Read from the keyboard)	
Status: Executed	
Uploaded the report in Github	**Yes**
If yes Repository name	**c-coding**
Uploaded the report in slack	**Yes**

Online Test Summary: test was conducted from 9:15 to 9:55 am dated 23rd may 2020. The test included Mcq kind of questions.



Online Certification Course Summary: Today also I went through the some basic things of Numpy.

Snapshot of today's cource is given below :



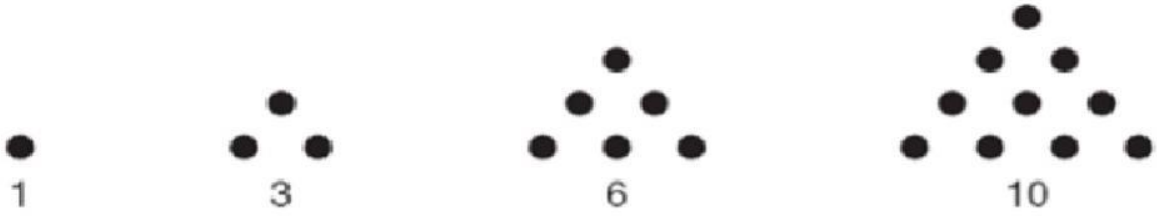
<u>Online Coding Summary</u>:. Everyday we are given with new question of coding related to the language of c. It seems interesting how we imbibe ourselves in depth to understand the logic break it and then code for it. Today c program sent by prof. Venktesh dept CSE.

Today's program question :

(b) **Triangular number Series**: A triangular number or triangle number counts the objects that can form an equilateral triangle. The nth triangle number is the number of dots or balls in a triangle with n dots on a side; it is the sum of the n natural numbers from 1 to n.

$$T_n = \sum_{k=1}^{n} k = 1 + 2 + 3 + \cdots + n = \frac{n(n+1)}{2} = \binom{n+1}{2}$$

Pictorially, the triangular numbers can be represented as below:



Link : https://github.com/Nikhil401/C-Coding/blob/master/Triangular.c