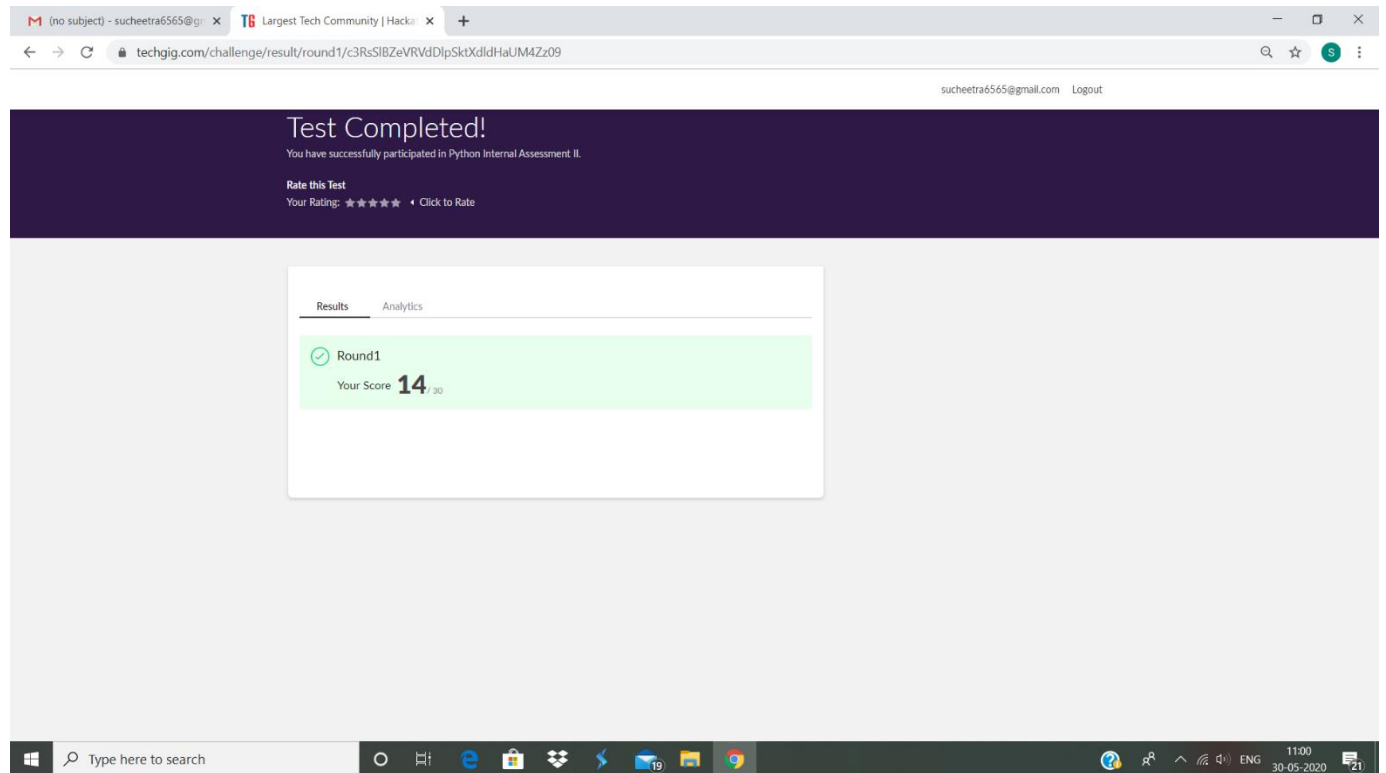


DAILY ONLINE ACTIVITIES SUMMARY

Date:	30-05-2020	Name:	M.C Suchithra Heggade
Sem & Sec	VI A	USN:	4AL17CS047
Online Test Summary			
Subject	Python IA Test		
Max. Marks	30	Score	14
Certification Course Summary			
Course	Cloud Foundations		
Certificate Provider	Great Learning	Duration	5hr
Coding Challenges			
Problem Statement:			
1. Pattern Python program to read a number and print the pattern(Downward Half-Pyramid Pattern with Star)			
2.Trailing zeros write a java program to Count number of trailing zeros in product of array.			
3.Trailing zeros in product of array write a c program to Count number of trailing zeros in product of array.			
Status: Completed			

Uploaded the report in GitHub	Yes
If yes Repository name	https://github.com/Suchitraheggade/certification-and-online-coding
Uploaded the report in slack	Yes

Online test Detail:



Online Certification Details

Modules completed:

Assessment, Quiz



Certificate of completion

Presented to

M.C Suchithra Heggade

For successfully completing a free online course
Cloud Foundations

Provided by

Great Learning Academy

(On May 2020)

Coding Challenge Details

1. Pattern

Python program to read a number and print the pattern(Downward Half-Pyramid Pattern with Star)



The screenshot shows a Google Colab notebook interface. The browser address bar displays `colab.research.google.com/drive/1F1QZnlT0jpRybHQAKyCnHhYZAA7OSUG-`. The notebook is titled "Untitled12.ipynb". The menu bar includes "File", "Edit", "View", "Insert", "Runtime", "Tools", "Help", and "All changes saved". The interface has tabs for "+ Code" and "+ Text". A code cell is selected, containing the following Python code:

```
rows = int(input("Enter the number of rows "))
for i in range(rows + 1, 0, -1):
    for j in range(0, i - 1):
        print("*", end=' ')
    print("\n")
```

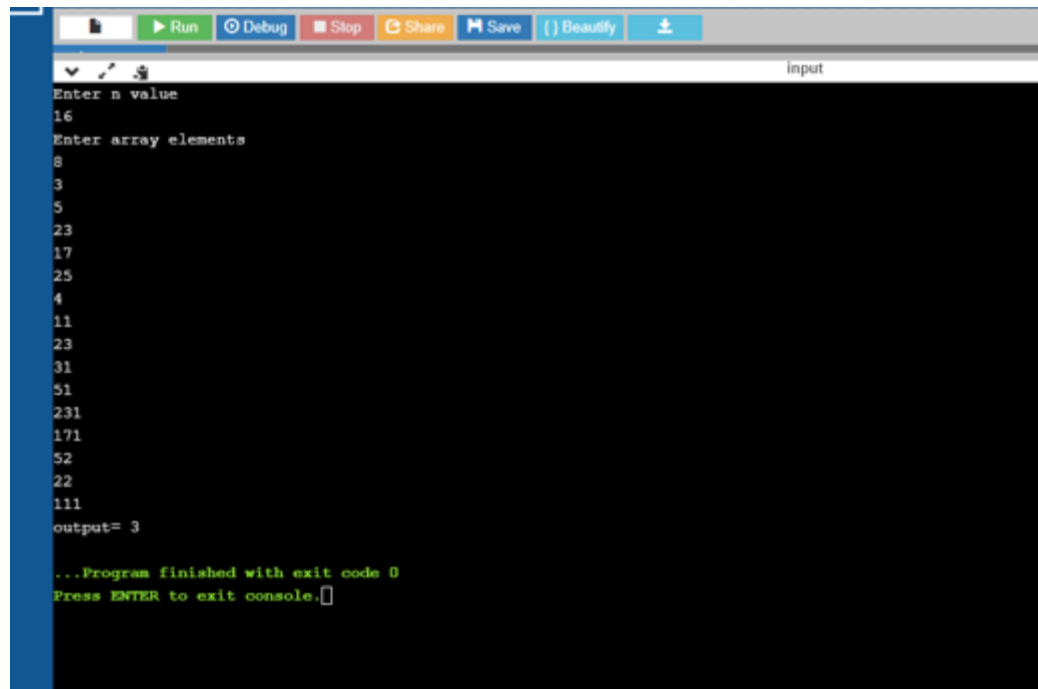
Below the code cell, the input and output are shown. The input is "Enter the number of rows 5". The output is a downward half-pyramid pattern of stars:

```
* * * * *
* * * *
* * *
* *
*

```

2.Trailing zeros

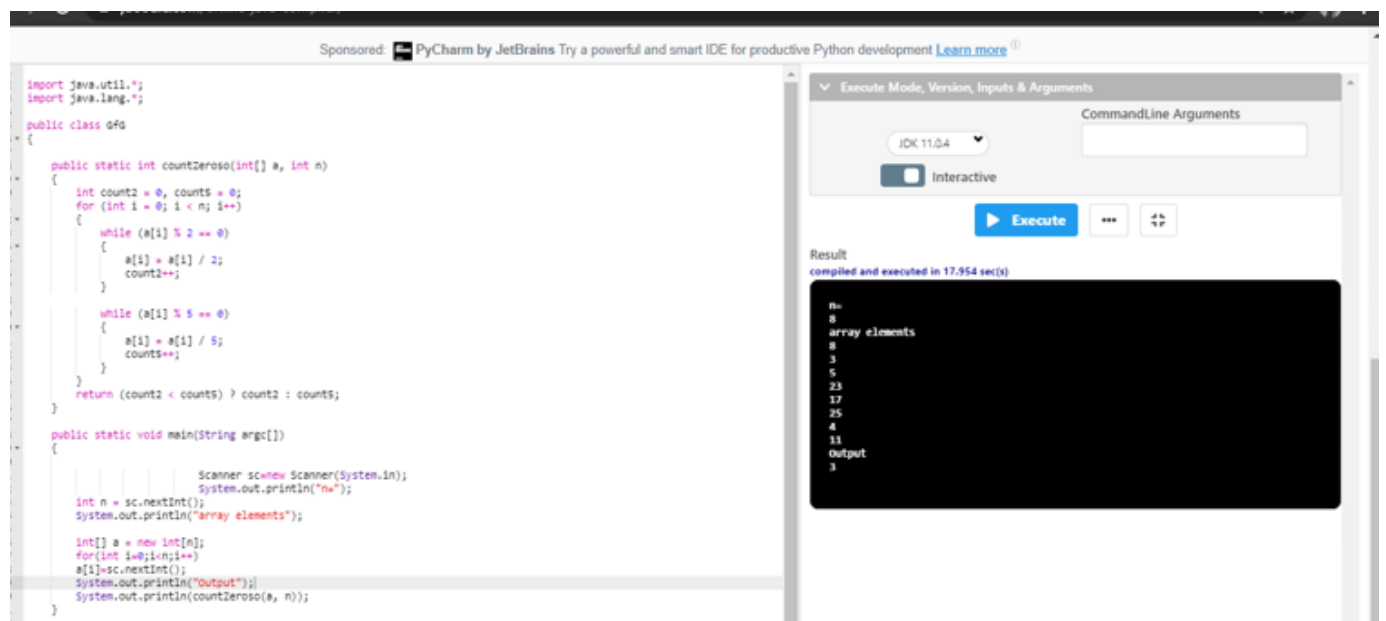
write a java program to Count number of trailing zeros in product of array.



The screenshot shows a Java IDE's console window. At the top, there is a toolbar with buttons for Run, Debug, Stop, Share, Save, Beautify, and a download icon. Below the toolbar, the console displays the following text: "Enter n value", "16", "Enter array elements", "8", "3", "5", "23", "17", "25", "4", "11", "23", "31", "51", "231", "171", "52", "22", "111", "output= 3", "...Program finished with exit code 0", and "Press ENTER to exit console.".

3.Trailing zeros in product of array

write a c program to Count number of trailing zeros in product of array.



The screenshot shows a Java IDE with a code editor on the left and a run console on the right. The code in the editor is a Java program that counts the number of trailing zeros in the product of an array. The code is as follows:

```
import java.util.*;
import java.lang.*;

public class ofg
{
    public static int countZero(int[] a, int n)
    {
        int count2 = 0, counts = 0;
        for (int i = 0; i < n; i++)
        {
            while (a[i] % 2 == 0)
            {
                a[i] = a[i] / 2;
                count2++;
            }

            while (a[i] % 5 == 0)
            {
                a[i] = a[i] / 5;
                counts++;
            }
        }
        return (count2 < counts) ? count2 : counts;
    }

    public static void main(String args[])
    {
        Scanner sc=new Scanner(System.in);
        System.out.println("n=");
        int n = sc.nextInt();
        System.out.println("array elements");
        int[] a = new int[n];
        for(int i=0;i<n;i++)
        {
            a[i]=sc.nextInt();
            System.out.println("Output");
        }
        System.out.println(countZero(a, n));
    }
}
```

The run console on the right shows the following output:

```
Execute Mode, Version, Inputs & Arguments
JDK 11.0.4
Interactive
Execute
Result
compiled and executed in 17.954 sec(s)
n=
8
array elements
8
3
5
23
17
25
4
11
Output
3
```