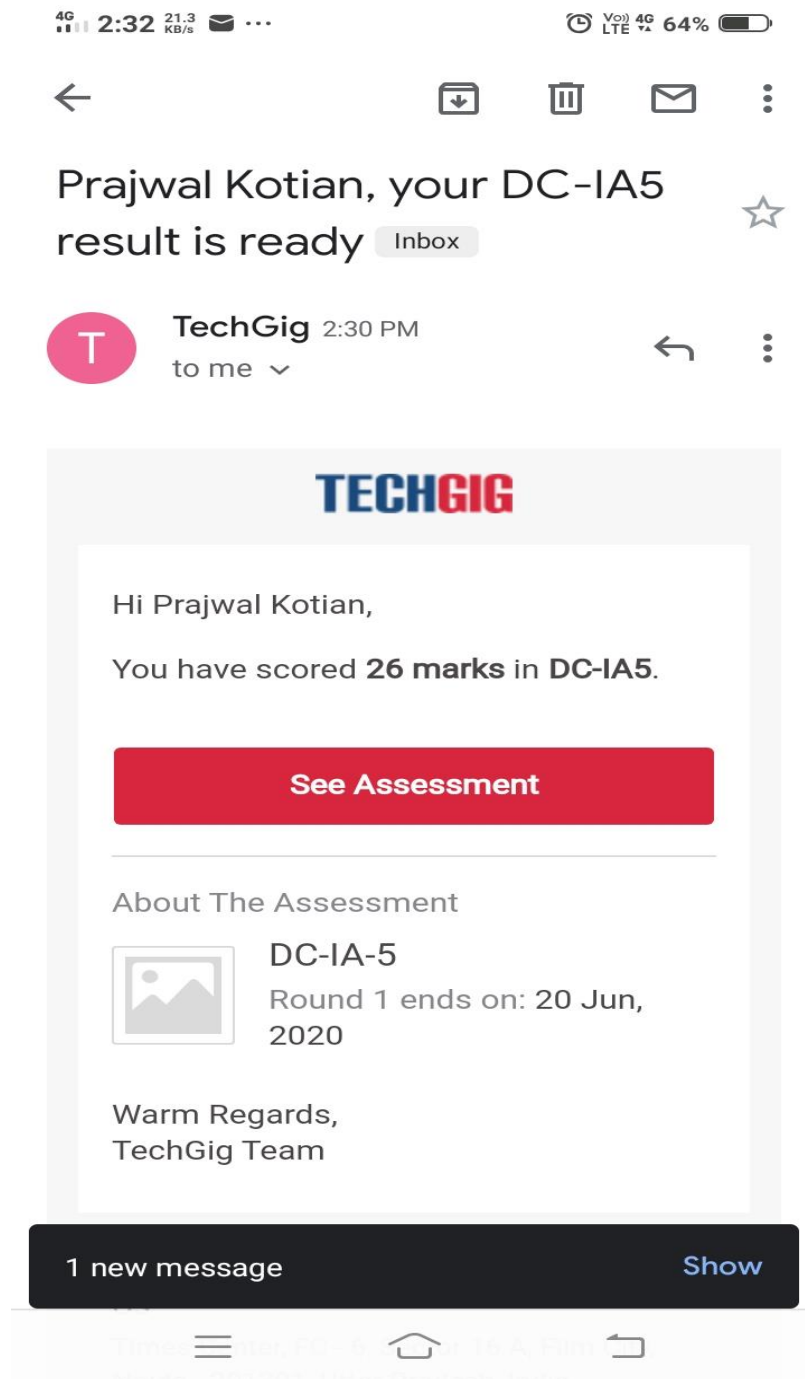


## DAILY ONLINE ACTIVITIES SUMMARY

Date:	20/06/2020		Name:	Prajwal
Sem & Sec	IV sem & B sec		USN:	4AL18CS057
<b>Online Test Summary</b>				
Subject	Data Communication			
Max. Marks	30	Score	26	
<b>Certification Course Summary</b>				
Course	Python For Data Science			
Certificate Provider	COGNITIVE CLASS	Duration	12 hours	
<b>Coding Challenges</b>				
Problem Statement:1. Write a java program to count numbers of bits to be flipped to convert A to B.				
Status: Done				
Uploaded the report in Github		YES		
If yes Repository name		<a href="https://github.com/PRAJWALKOTIAN/lockdown-coding">https://github.com/PRAJWALKOTIAN/lockdown-coding</a>		
Uploaded the report in slack		YES		

## Online test details

Test was conducted from 02:00 to 02:30 am dated 20 june 2020.  
The test includes MCQ kind of questions which contains 30 questions of 1mark each.




## Certification Course Details

The course I have chosen is python for data science in this I studied some basics of lists and tuples.

4G 5:51 136 KB/s

Voice LTE 4G 45%

Course > Module... > Lists d... > Lists d...

<  >

### Lists and Tuples (8:46)

[Bookmark this page](#)

### Lists and Tuples (8:46)

Tuples: Immutable

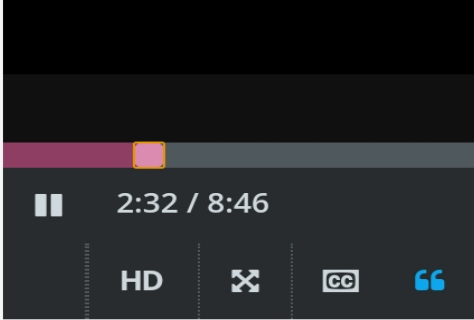
Ratings = (2, 10, 1)

Names	Reference	Tuple
Ratings	→	(2, 10, 1)
Ratings1	→	(10, 9, 6, 5, 10, 8, 9, 6, 2)

We can assign a different tuple to the Ratings variable.

**The variable Ratings now references another tuple.**

As a consequence of immutability, if we would like to



2:32 / 8:46

HD

Video

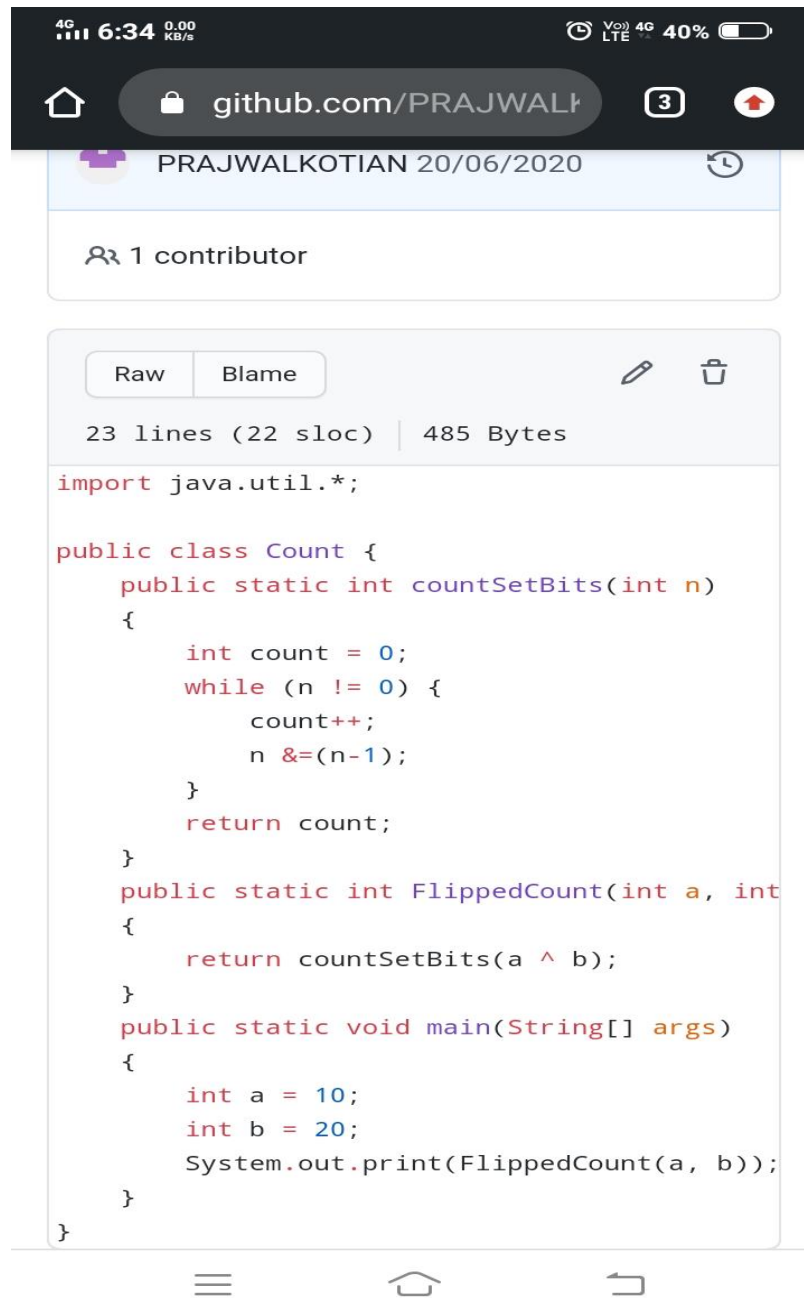
[Download video file](#)

Transcripts

## Coding Challenges Details

The bellow given codes are there on my github repository  
<https://github.com/PRAJWALKOTIAN/lockdown-coding>

1. Write a java program to count numbers of bits to be flipped to convert A to B.



```
import java.util.*;

public class Count {
    public static int countSetBits(int n)
    {
        int count = 0;
        while (n != 0) {
            count++;
            n &=(n-1);
        }
        return count;
    }
    public static int FlippedCount(int a, int b)
    {
        return countSetBits(a ^ b);
    }
    public static void main(String[] args)
    {
        int a = 10;
        int b = 20;
        System.out.print(FlippedCount(a, b));
    }
}
```