DAILY ONLINE ACTIVITIES SUMMARY

Date:	06/07/2020	Name:	Pramod R
Sem & Sec	4th sem B section	USN:	4AL18CS059

<table>
<tr><td colspan="4" align="center">Online Test Summary</td></tr>
<tr><td>Subject</td><td colspan="3">Complex Analysis, probability and statistical methods.</td></tr>
<tr><td>Max. Marks</td><td>30</td><td>Score</td><td>-</td></tr>
<tr><td colspan="4" align="center">Certification Course Summary</td></tr>
<tr><td>Course</td><td colspan="3">Google cloud platform fundamentals:core infrastructure</td></tr>
<tr><td>Certificate Provider</td><td>Udemy</td><td>Duration</td><td>1 week</td></tr>
<tr><td colspan="4" align="center">Coding Challenges</td></tr>
<tr><td colspan="4">Problem Statement: Write a Java program to find the Nth natural number with exactly two bits set.</td></tr>
<tr><td colspan="4">Status: Completed</td></tr>
<tr><td colspan="2">Uploaded the report in Github</td><td colspan="2">YES</td></tr>
<tr><td colspan="2">If yes Repository name</td><td colspan="2">https://github.com/alvas-education-foundation/Pramod_R</td></tr>
<tr><td colspan="2">Uploaded the report in slack</td><td colspan="2">YES</td></tr>
</table>

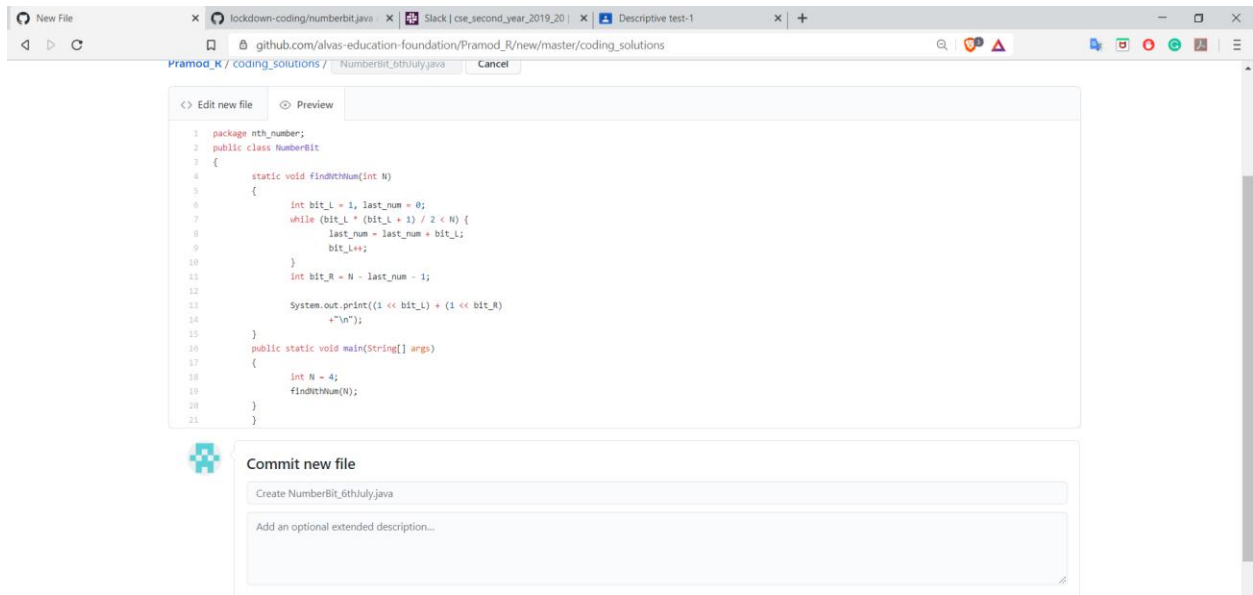**Online test Details: (Attach the snapshot and briefly write the report for the same)**
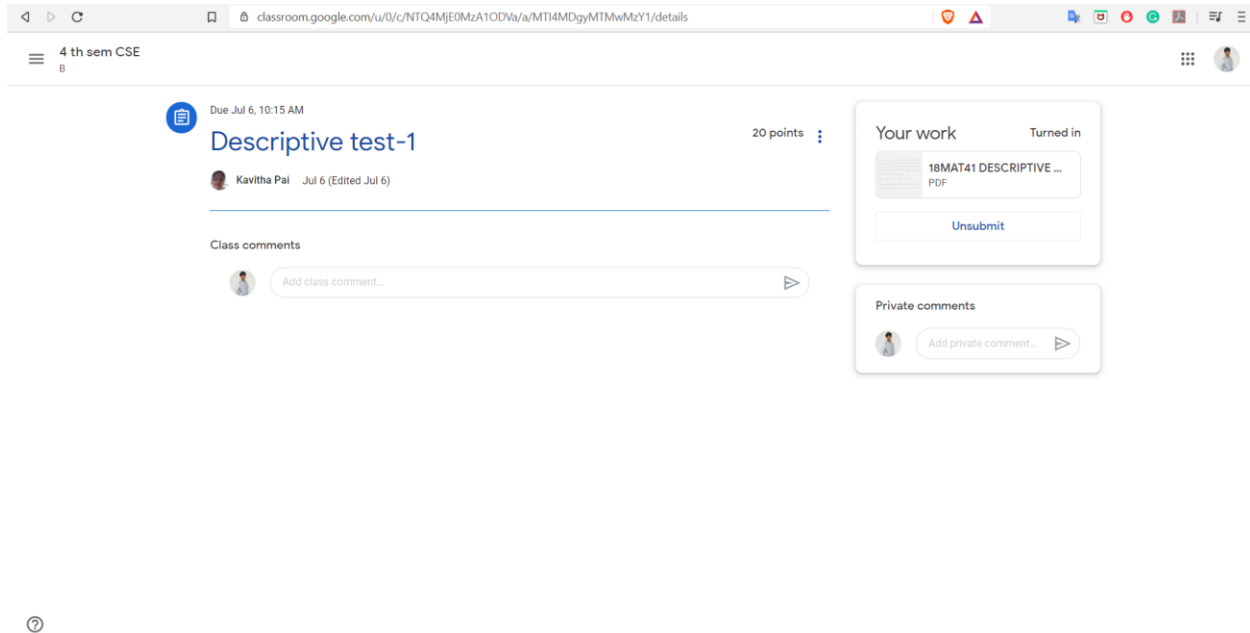
Online written IA was conducted today at 9:30AM .The questions was shared at 9:30 in google classroom which is of the time limit 45 minutes. The written answers where scanned and uploaded in google classroom. The above is screenshot of uploaded document.

Certification Course Details: (Attach the snapshot and briefly write the report for the same)
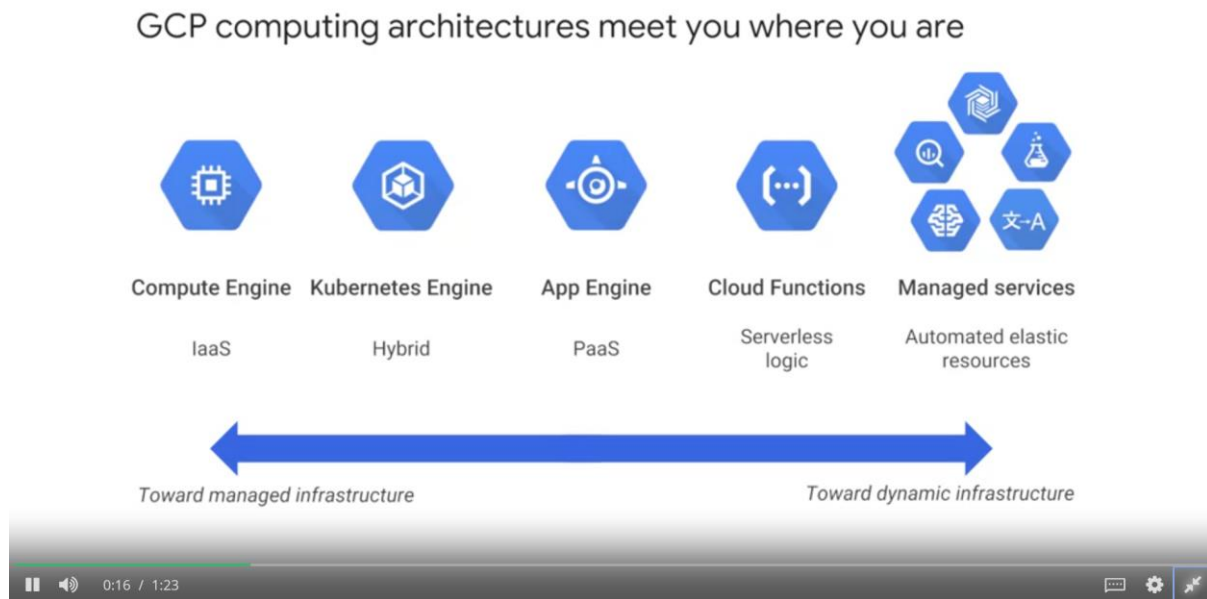
The course I have chosen during the lockdown period is google cloud platform fundamentals.Since I had previously knew few topics about google cloud iam continuing this course . I learnt about google platform It helps me to be perfect in cloud computing.

Certification Course Details: (Attach the snapshot and briefly write the report for the same)


```java
package nth_number;
public class NumberBit
{
    static void findNthNum(int N)
    {
        int bit_L = 1, last_num = 0;
        while (bit_L * (bit_L + 1) / 2 < N) {
            last_num = last_num + bit_L;
            bit_L++;
        }
        int bit_R = N - last_num - 1;

        System.out.print((1 << bit_L) + (1 << bit_R)
                    +"\n");
    }
    public static void main(String[] args)
    {
        int N = 4;
        findNthNum(N);
    }
}
```

The question we had received today was :

Write a Java program to find the Nth natural number with exactly two bits set.

Code: The above snapshot is the code which I have uploaded in my github repository.