DAILY ONLINE ACTIVITIES SUMMARY

Date:	29/06/2020	**Name:**	Laxman Pundalik Budihal
Sem & Sec	4rd sem (A sec)	**USN:**	4AL18CS043

Online Test Summary

Subject	-		
Max. Marks	-	**Score**	-

Certification Course Summary

Course	HTML, CSS, and Javascript for Web Developers		
Certificate Provider	Coursera	**Duration**	15 hours

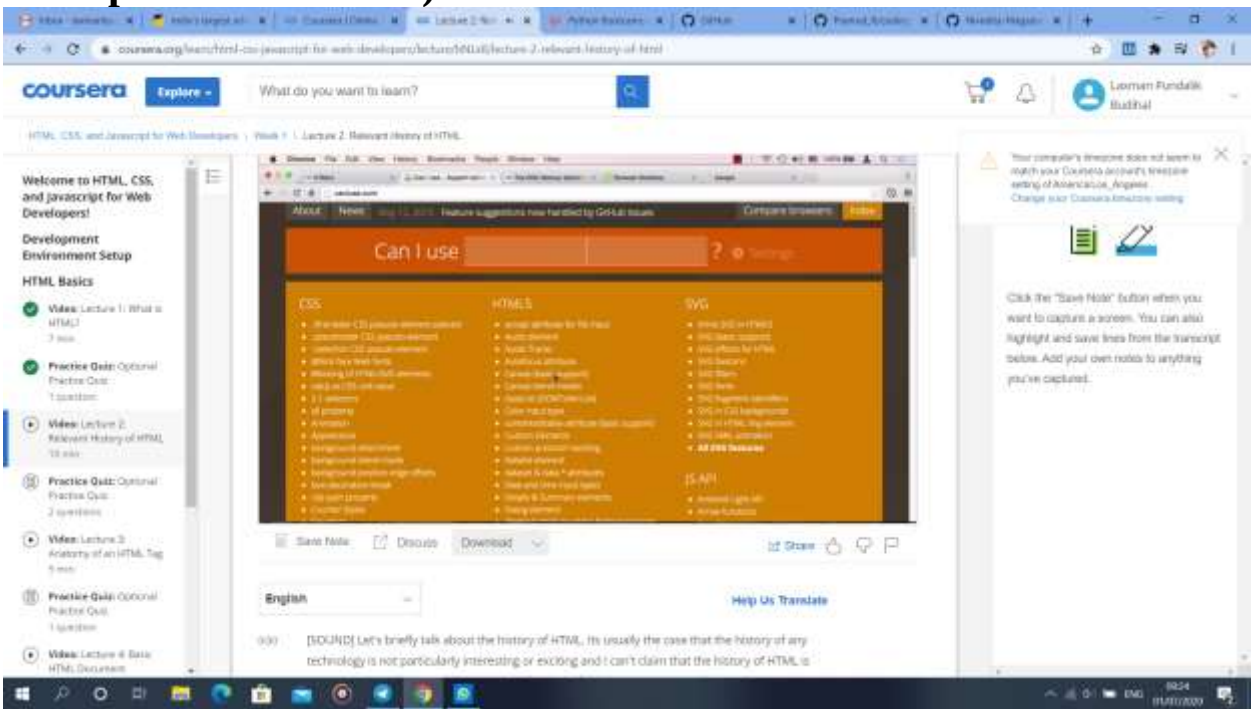
Coding Challenges

Problem Statement: Write a Java program to count number of bits to be flipped to convert A to B

Status: Completed

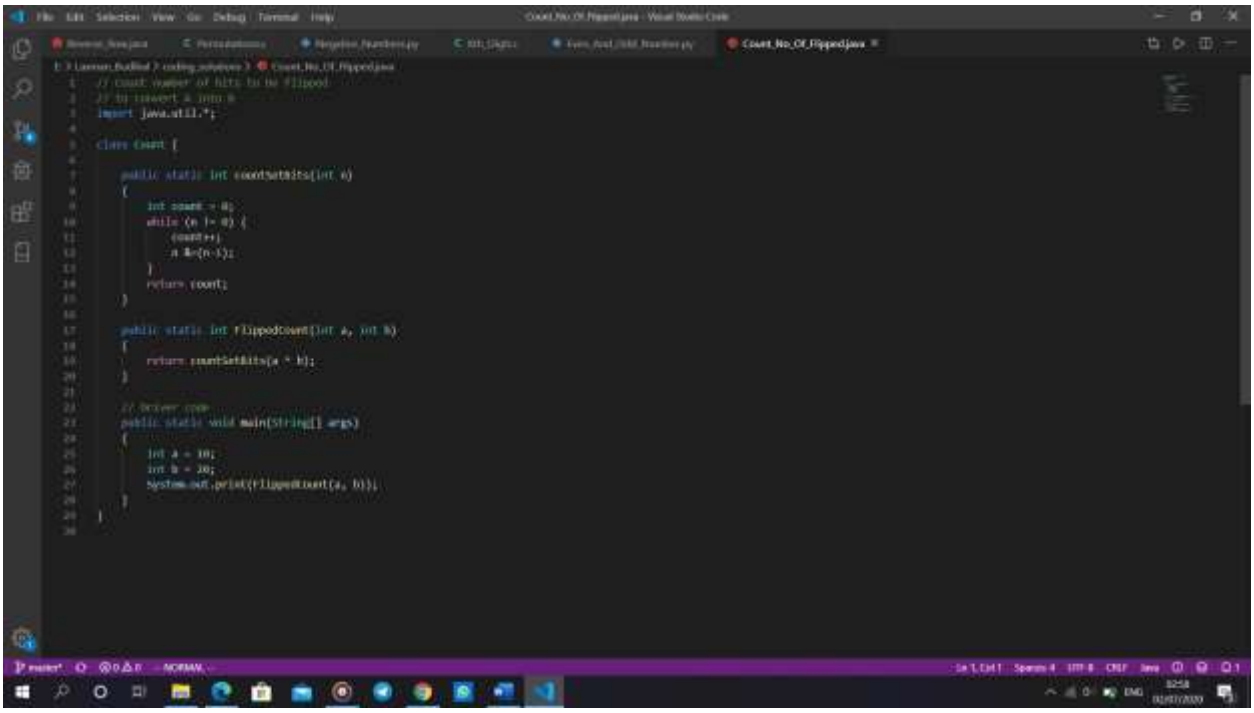
Uploaded the report in GitHub	YES
If yes Repository name	https://github.com/alvas-education-foundation/Laxman_Budihal
Uploaded the report in slack	YES

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



The todays topic is about HTML, CSS, and Javascript for Web Developers

Coding Challenges Details: (Attach the snapshot and briefly write the report for the same)



```
// Count number of bits to be flipped
// to convert A into B
import java.util.*;

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);
    }

    // Driver code
    public static void main(String[] args)
    {
        int a = 10;
        int b = 20;
        System.out.print(FlippedCount(a, b));
    }
}
```

The question I took to code is: Write a Java program to count number of bits to be flipped to convert A to B