

DAILY ONLINE ACTIVITIES SUMMARY

Date:	03/07/2020	Name:	Laxman Pundalik Budihal
Sem & Sec	4 rd 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 find Last Digit of a^b (a to the power b) for Large Numbers			
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)

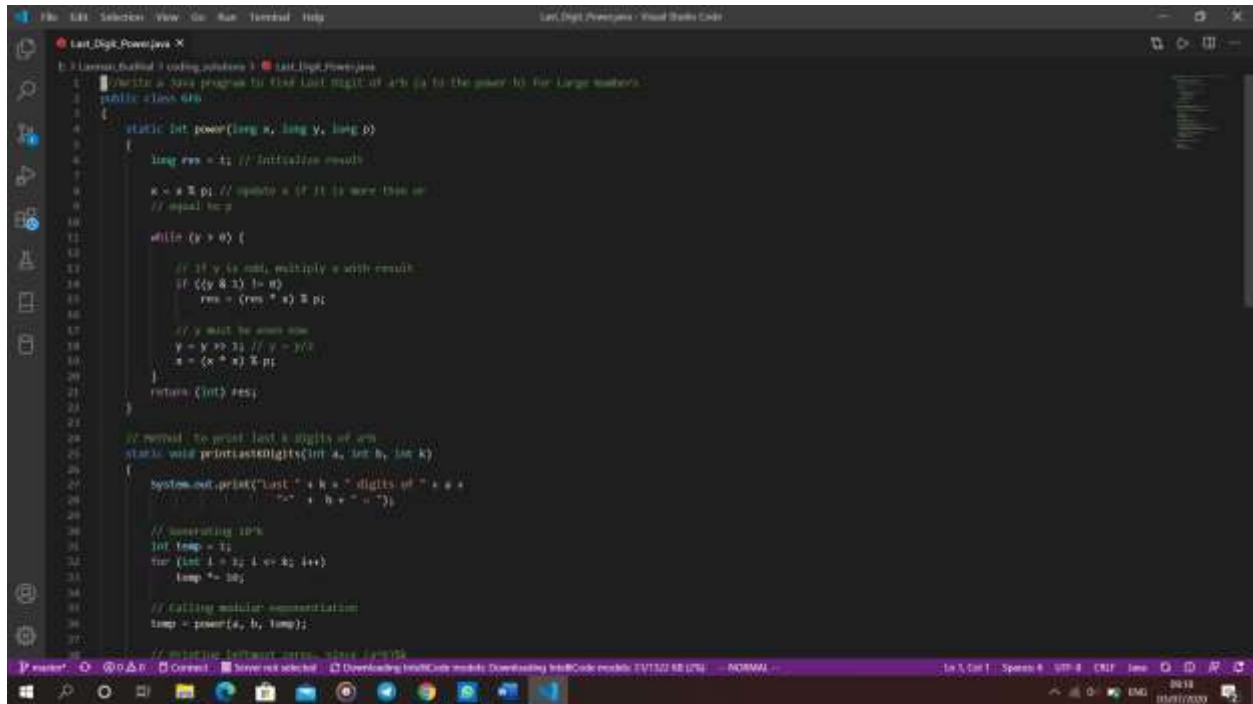
The screenshot shows a web browser displaying a Coursera course page. The browser's address bar shows the URL: <https://coursera.org/learn/html-css-javascript-for-web-developers/lecture/02/lecture-5-html-content-models>. The Coursera logo and navigation bar are at the top. The course title is "HTML, CSS, and Javascript for Web Developers". The current lecture is "Lecture 5: HTML Content Models". The main content area displays a video player with the title "Lecture 5: HTML Content Models". The video content is a slide titled "Block-Level Elements" and "Inline Elements". The slide lists the following points:

- Block-Level Elements**
 - Render to begin on a new line (by default)
 - May contain inline or other block-level elements
- Inline Elements**
 - Render on the same line (by default)
 - May only contain other inline elements
- HTML5 replaces these definitions with more complex set of content categories.**
- However, this distinction remains practical because it aligns well with existing CSS rules.**

The video player has controls for "Save Note", "Discuss", and "Download". Below the video player is a language dropdown menu set to "English" and a "Help Us Translate" button. On the right side of the video player is a "Notes" panel with a "Save Note" button and a "Notes" section. The "Notes" section contains a message: "Click the 'Save Note' button when you want to capture a screen. You can also highlight and save lines from the transcript below. Add your own notes to anything you've captured."

The today's topic is about HTML, CSS, and Javascript for Web Developers

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



```
1 // Write a Java program to find last digit of a^b (a to the power b) for Large Numbers.
2 public class GFG
3 {
4     static int power(long a, long b, long p)
5     {
6         long res = 1; // Initialize result
7
8         a = a % p; // update a if it is more than or
9         // equal to p
10
11         while (b > 0) {
12
13             // If y is odd, multiply x with result
14             if ((y & 1) != 0)
15                 res = (res * a) % p;
16
17             // y must be even now
18             y = y >> 1; // y = y/2
19             a = (a * a) % p;
20         }
21         return (int) res;
22     }
23
24     // method to print last k digits of a^b
25     static void printLastDigits(int a, int b, int k)
26     {
27         System.out.print("Last " + k + " digits of " + a +
28             " ^ " + b + " = ");
29
30         // Generating 10^k
31         int temp = 1;
32         for (int i = 1; i <= k; i++)
33             temp *= 10;
34
35         // Calling modular exponentiation
36         temp = power(a, b, temp);
37
38         // Print the leftmost zero's, since 10^k is
```

The question I took to code is: Write a Java program to find Last Digit of a^b (a to the power b) for Large Numbers