

## **DAILY ONLINE ACTIVITIES SUMMARY**

<b>Date:</b>	03/06/2020	<b>Name:</b>	Laxman Pundalik Budihal
<b>Sem &amp; Sec</b>	4 <sup>rd</sup> sem (A sec)	<b>USN:</b>	4AL18CS043
<b>Online Test Summary</b>			
<b>Subject</b>	OOC		
<b>Max. Marks</b>	30	<b>Score</b>	16
<b>Certification Course Summary</b>			
<b>Course</b>	Python Bootcamp		
<b>Certificate Provider</b>	Udemy	<b>Duration</b>	24 hours
<b>Coding Challenges</b>			
<b>Problem Statement:</b> Write a Java program to find Last Digit of $a^b$ (a to the power b) for Large Numbers			
<b>Status:</b> Completed			
<b>Uploaded the report in GitHub</b>		YES	
<b>If yes Repository name</b>		<a href="https://github.com/alvas-education-foundation/Laxman_Budihal">https://github.com/alvas-education-foundation/Laxman_Budihal</a>	
<b>Uploaded the report in slack</b>		YES	

## Online Test Details: (Attach the snapshot and briefly write the report for the same)

The screenshot shows a web browser window with multiple tabs open. The active tab displays the 'OOC Test 3' results page by TechGig. The page has a dark header with a 'Logout' link. Below the header, there's a banner area with a 'Challenge Over' badge and the text 'by TechGig OOC Test 3'. The main content area is divided into two columns. The left column shows 'MCQ' as the question type, with 'Your Highest Score 16' and 'Max Score 30'. It also includes a 'Question Summary' stating the objective is to screen students on the basis of their domain proficiency, and a 'Start Test' button. The right column contains a 'Summary' box with 'Skills: Java' and 'Ends On: 03 Jun'. Below these, there's a 'Details' tab selected, showing 'Rules' for the assessment. The rules are listed as follows:

1. Any participant can attempt the assessment only 1 times, Only your best score counts!!
2. There will be no negative marking.
3. Time duration is 45 minutes.
4. In case your session expires before finishing the test, you can re-take the test. Your test will resume from where

The browser's address bar shows the URL: [techgig.com/challenge/OOCtest3?utm\\_source=Mailer&utm\\_medium=TG\\_batch&utm\\_campaign=Act\\_contestskilltestresult\\_2020-06-03&email=laxmanbudihal0321@gmail.com&...](https://techgig.com/challenge/OOCtest3?utm_source=Mailer&utm_medium=TG_batch&utm_campaign=Act_contestskilltestresult_2020-06-03&email=laxmanbudihal0321@gmail.com&...). The Windows taskbar at the bottom shows the date as 03/06/2020 and the time as 10:23.

OOC Internals was conducted. A total of 30 questions were there in which 30 of them were Multiple Choice Questions. The above snapshot is the result sheet which was mailed to us by the Techgig team.

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

The screenshot shows the Udeemy course page for 'Complete Python Bootcamp: Go from zero to hero in Python 3'. The course is by Pierian Data. The main content area displays a video player with a slide that reads: 'This course now focuses solely on Python 3. All the code, notebooks, and videos have been updated to Python 3. If need be, going back to Python 2 syntax is a very easy jump once you know Python 3.' The right sidebar shows the course content, including sections like 'Section 2: Python Setup' and 'Section 3: Python Object and Data Structure Basics'. The bottom of the page shows the Windows taskbar with various application icons and the system clock indicating 10:22 on 03/06/2020.

**Complete Python Bootcamp**

- This course now focuses solely on Python 3.
- All the code, notebooks, and videos have been updated to Python 3.
- If need be, going back to Python 2 syntax is a very easy jump once you know Python 3.

**Course content**

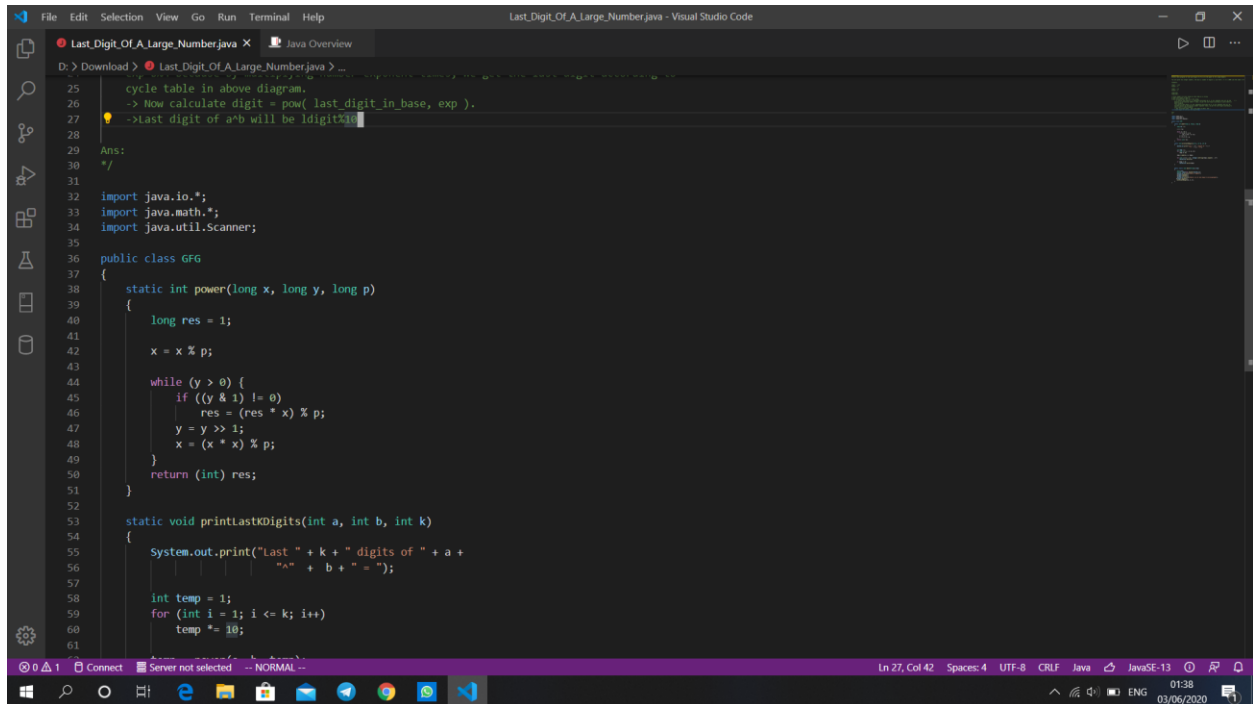
- 4. Python 2 versus Python 3 (2min)
- 5. Course FAQs (2min)
- Section 2: Python Setup** (5 / 5 | 40min)
  - 6. Command Line Basics (8min)
  - 7. Installing Python (Step by Step) (8min)
  - 8. Running Python Code (18min)
  - 9. Getting the Notebooks and the Course Material (2min)
  - 10. Git and Github Overview (Optional) (3min)
- Section 3: Python Object and Data Structure Basics** (36 / 36 | 2hr 2min)
- Section 4: Python Comparison Operators**

**About this course**

Learn Python like a Professional! Start from the basics and go all the way to creating your own applications and games!

The today is New topic about Python bootcamp in today introduction of python2 and python3

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



```
25 // cycle table in above diagram.
26 // -> Now calculate digit = pow( last_digit_in_base, exp ).
27 // -> Last digit of a^b will be ldigit%10
28
29 Ans:
30 */
31
32 import java.io.*;
33 import java.math.*;
34 import java.util.Scanner;
35
36 public class GFG
37 {
38     static int power(long x, long y, long p)
39     {
40         long res = 1;
41
42         x = x % p;
43
44         while (y > 0) {
45             if ((y & 1) != 0)
46                 res = (res * x) % p;
47             y = y >> 1;
48             x = (x * x) % p;
49         }
50         return (int) res;
51     }
52
53     static void printLastDigits(int a, int b, int k)
54     {
55         System.out.print("Last " + k + " digits of " + a +
56                         " ^ " + b + " = ");
57
58         int temp = 1;
59         for (int i = 1; i <= k; i++)
60             temp *= 10;
61     }
62 }
```

**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