DAILY ONLINE ACTIVITIES SUMMARY

Date:	**26-05-2020**	**Name:**	**D JASMINE JOYLINE**
Sem & Sec	**VI SEM**	**USN:**	**4AL17CS024**

Online Test Summary

Subject	**COMPUTER GRAPHICS AND VISUALISATION**		
Max. Marks	**30**	**Score**	**24**

Certification Course Summary

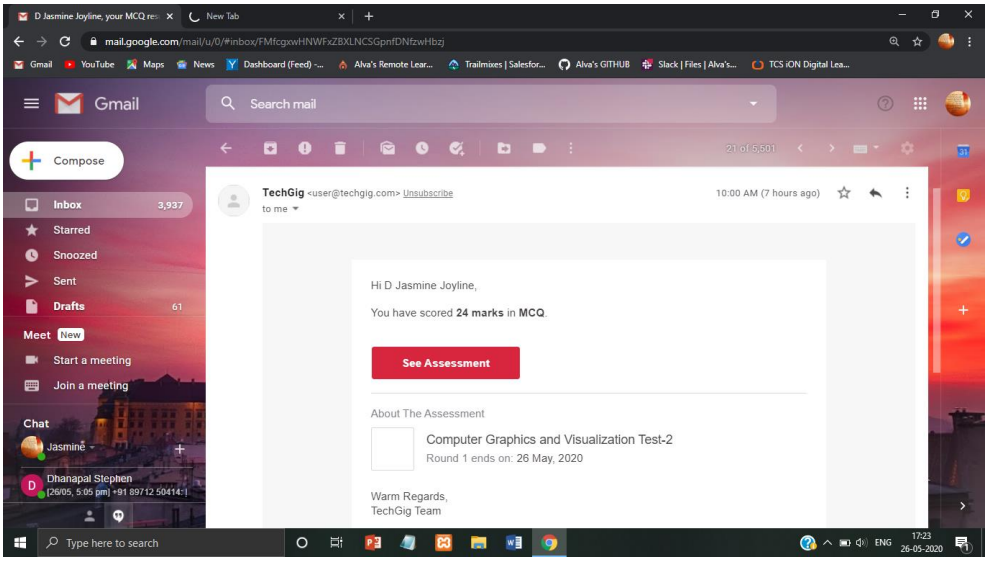
Course	**PYTHON BOOTCAMP 2020: Build 15 working Applications and Games**		
Certificate Provider	**UDEMY**	**Duration**	**32hr**

Coding Challenges

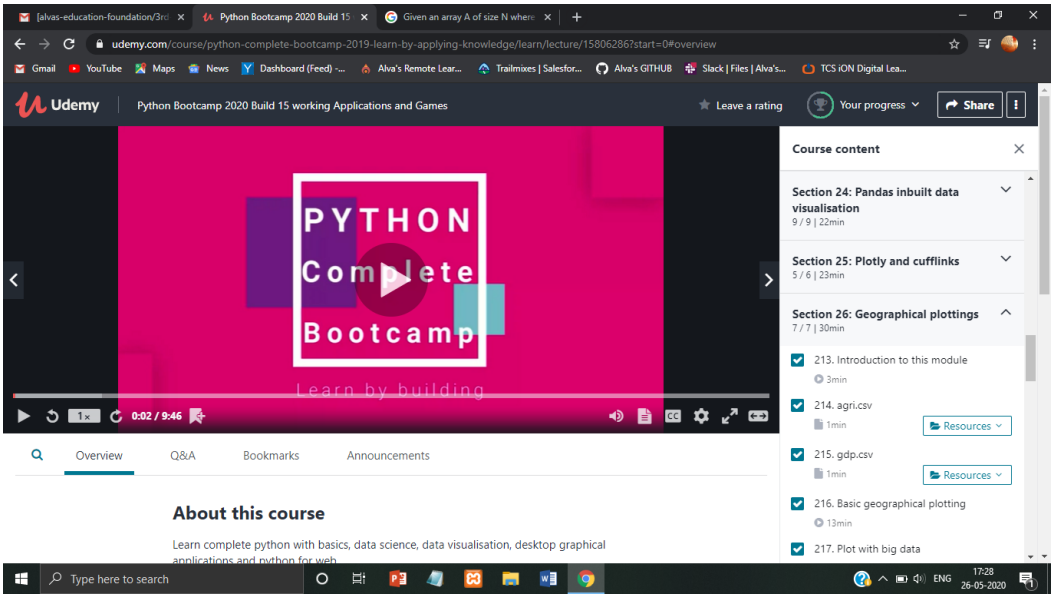
Problem Statement: Count of subarrays which start and end with the same element	
Status: Completed	
Uploaded the report in Github	**Yes**
If yes Repository name	https://github.com/alvas-education-foundation/D_Jasmine_Joyline/tree/master/daily_progress
Uploaded the report in slack	**Yes**

Online Test Details

CGV TEST DETAILS



Certification Course Details:



Modules that I have covered today:

- Pandas inbuilt data visualization
- Plotly and cufflinks
- Geographical plottings

Coding Challenges Details:

Count of subarrays which start and end with the same element

Given an array **A** of size **N** where the array elements contain values from **1 to N** with duplicates, the task is to find total number of subarrays which start and end with the same element.

Examples:

Input: A[] = {1, 2, 1, 5, 2}
Output: 7
Explanation:
Total 7 sub-array of the given array are {1}, {2}, {1}, {5}, {2}, {1, 2, 1} and {2, 1, 5, 2} are start and end with same element.

Input: A[] = {1, 5, 6, 1, 9, 5, 8, 10, 8, 9}
Output: 14
Explanation:
Total 14 sub-array {1}, {5}, {6}, {1}, {9}, {5}, {8}, {10}, {8}, {9}, {1, 5, 6, 1}, {5, 6, 1, 9, 5}, {9, 5, 8, 10, 8, 9} and {8, 10, 8} start and end with same element.