DAILY ONLINE ACTIVITIES SUMMARY

Date:	**19/05/2020**	**Name:**	**Chethana j**
Sem & Sec	**6th A**	**USN:**	**4al17cs022**

Online Test Summary

Subject	**CGV**		
Max. Marks	**60**	**Score**	

Certification Course Summary

Course	**Python for Machine learning**		
Certificate Provider	**Great Learning**	**Duration**	**5 hrs.**

Coding Challenges

Problem Statement: 1. We have a Letter or a word then we need add some letters to it and need to find out shortest palindrome

2. Write a simple code to identify given linked list is palindrome or not by using stack.
First take a Stack. Traverse through each node of the linked list and push each node value to Stack.

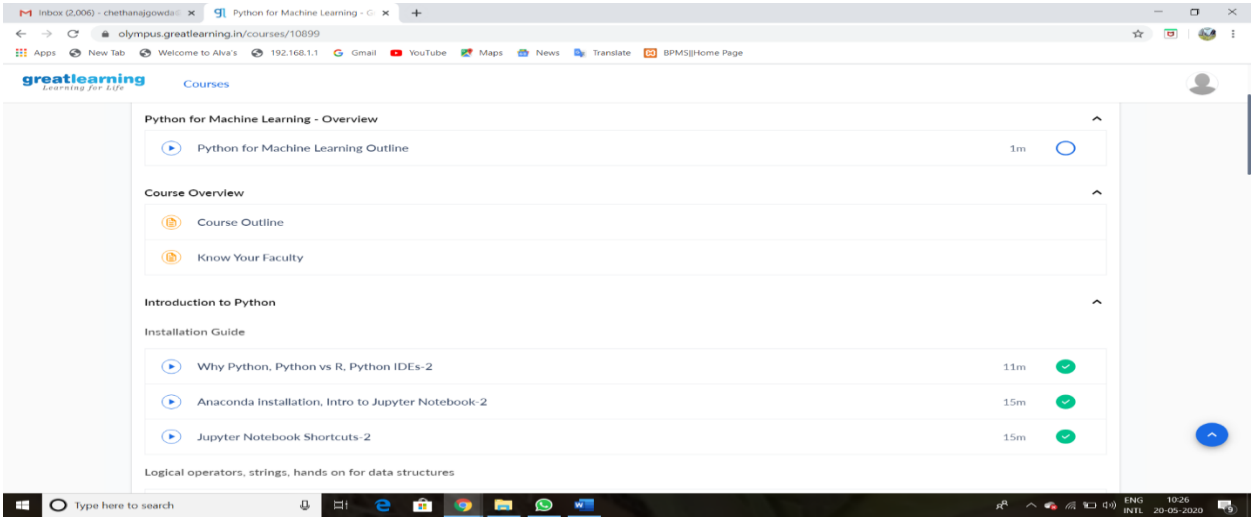
Status: Completed

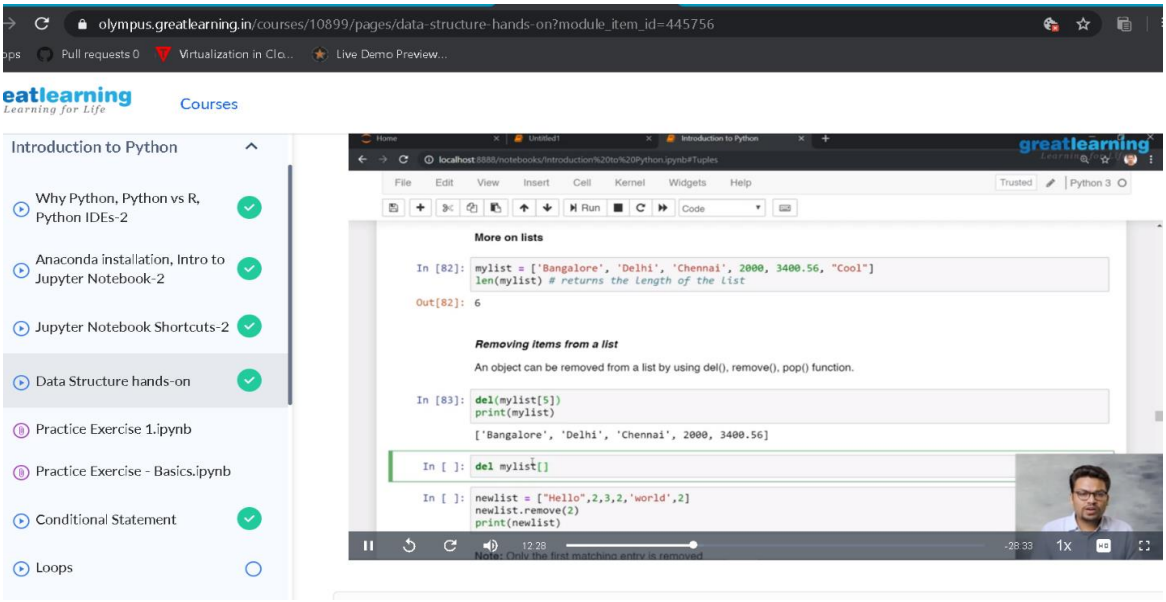
Uploaded the report in Github	**yes**
If yes Repository name	https://github.com/Jchethana1990/online-course
Uploaded the report in slack	**yes**

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

(Not attended due to technical issue (I have informed to sir))

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

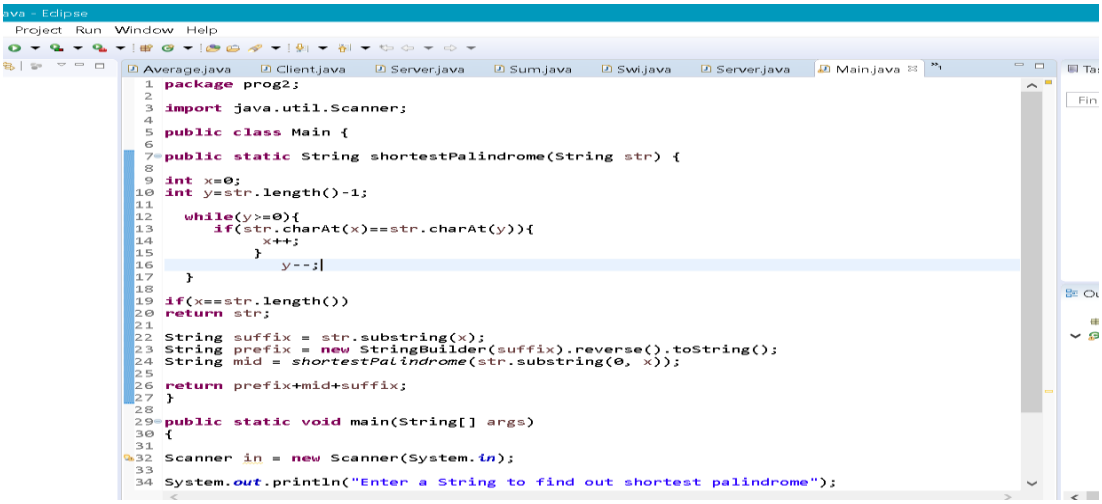


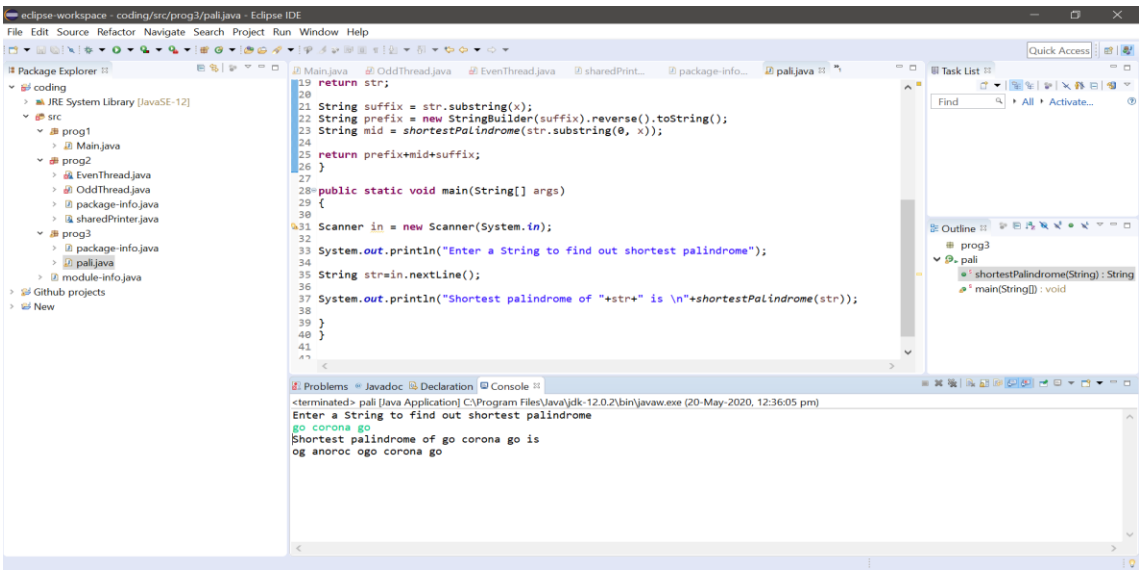


Coding Challenges Details: (Attach the snapshot and briefly write the report for the same)

Program1:

1.We have a Letter or a word then we need add some letters to it and need to find out shortest palindrome
For example we take "S": S will be the shortest palindrome string.
If we take "xyz": zyxyz will be the shortest palindrome string
So we need to add some characters to the given string or character and find out what will be the shortest palindrome string by using simple java program.





Program2:

2. Write a simple code to identify given linked list is palindrome or not by using stack.
First take a Stack. Traverse through each node of the linked list and push each node value to Stack.
Once the traversal & copying is done, iterate through linked list from head node again.
In each iteration, pop one stack element and compare with node value in respective iteration. It is expected to match stack popped value with node value.
In case of all matches, its a palindrome. Any one element mismatch makes it not a palindrome.