DAILY ONLINE ACTIVITIES SUMMARY

Date:	**19-05-2020**	**Name:**	**Apoorva H P**
Sem & Sec	**VI A**	**USN:**	**4AL17CS011**

Online Test Summary

Subject	**CGV IA Test**		
Max. Marks	**60**	**Score**	**52**

Certification Course Summary

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

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

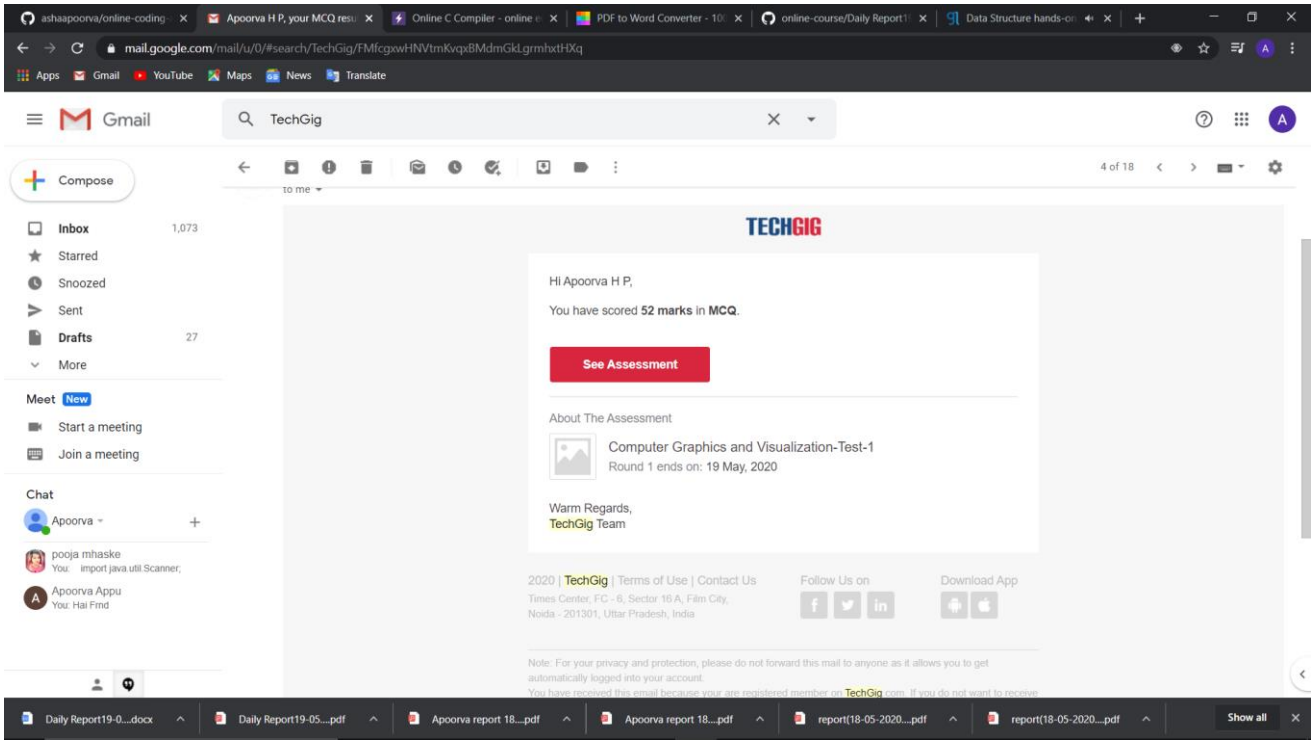
2. Write a simple code to identify given linked list is palindrome or not by using stack.
First take a Stack. Traverse through each node of the linked list and push each node value to Stack.
.

Status:Completed

Uploaded the report in Github	**Yes**
If yes Repository name	https://github.com/ashaapoorva/online-coding-and-certification-course
Uploaded the report in slack	**Yes**

Online Test Details

CGV TEST Details:

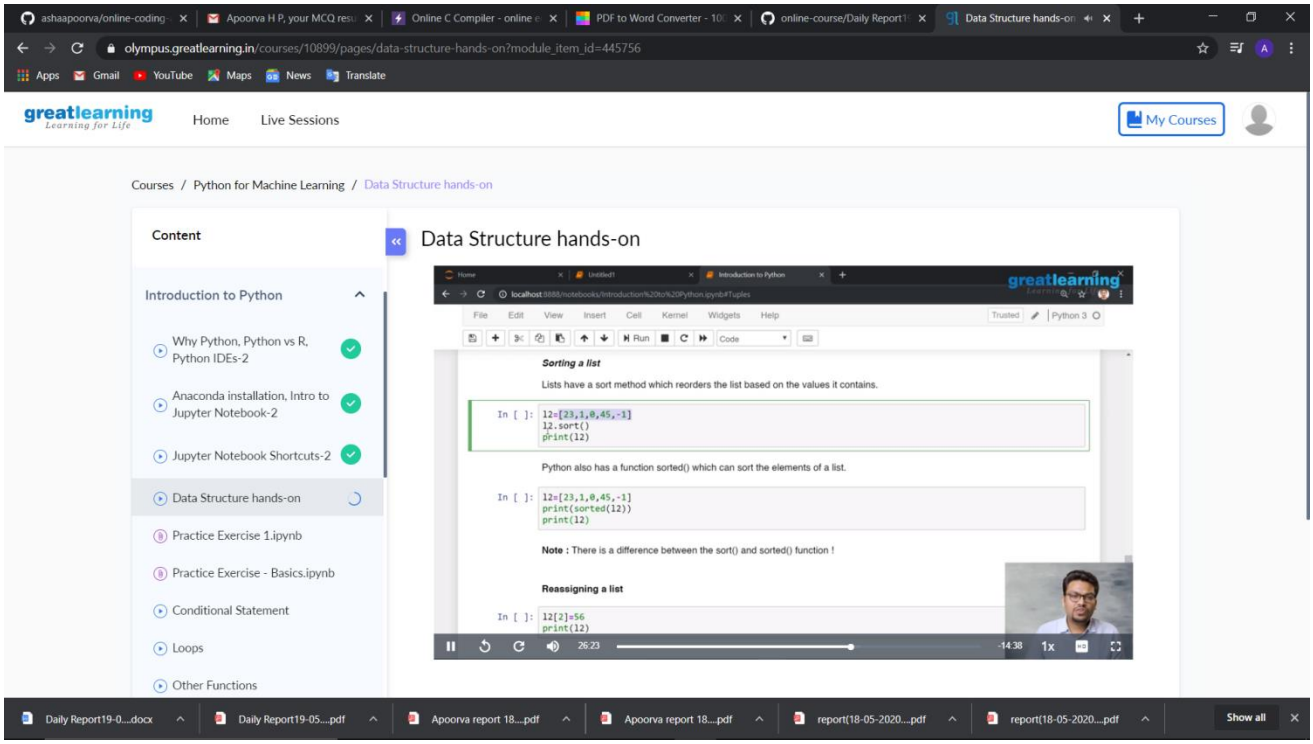


Online Certification Details

Modules completed:

Jupiter Notebook Shortcut-2

Date Structure hands-on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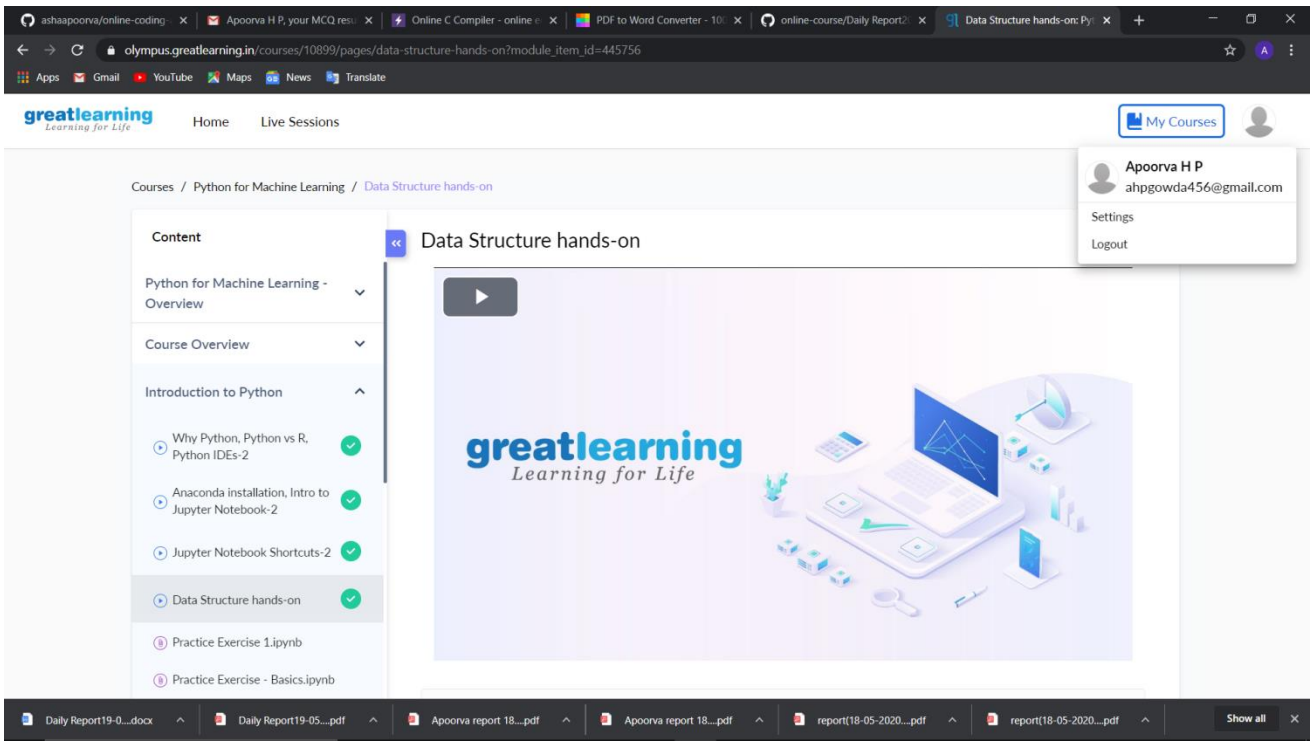
Practice Exercise 1.ipynb
Practice Exercise - Basics.ipynb
Conditional Statement
Loops
Other Functions
Data Structure hands-on
Sorting a list
Lists have a sort method which reorders the list based on the values it contains.
Python also has a function sorted() which can sort the elements of a list.
Note : There is a difference between the sort() and sorted() function !
Reassigning a list
Daily Report19-0....docx
Daily Report19-05....pdf
Apoorva report 18....pdf
Apoorva report 18....pdf
report(18-05-2020....pdf
report(18-05-2020....pdf
Show all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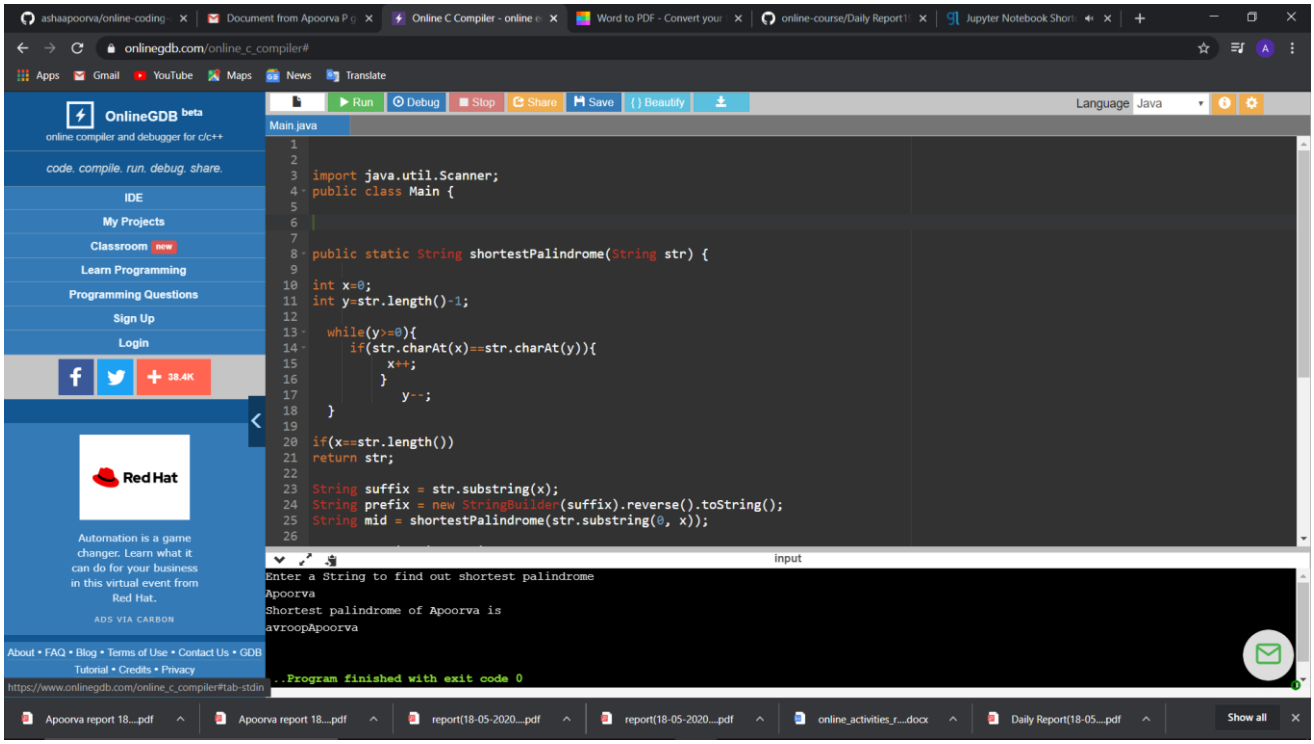
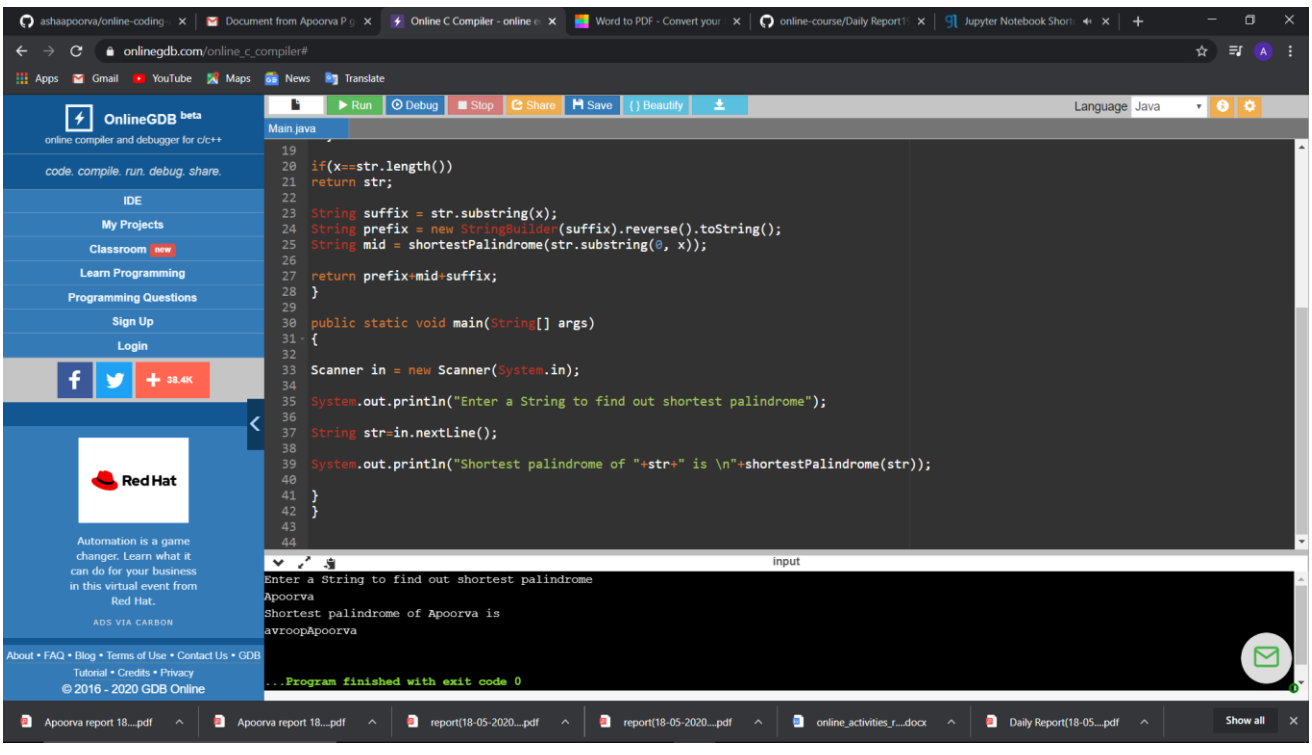
Daily Report19-0....docx
Daily Report19-05....pdf
Apoorva report 18....pdf
Apoorva report 18....pdf
report(18-05-2020....pdf
report(18-05-2020....pdf
Show all

Coding Challenge Details

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.





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.