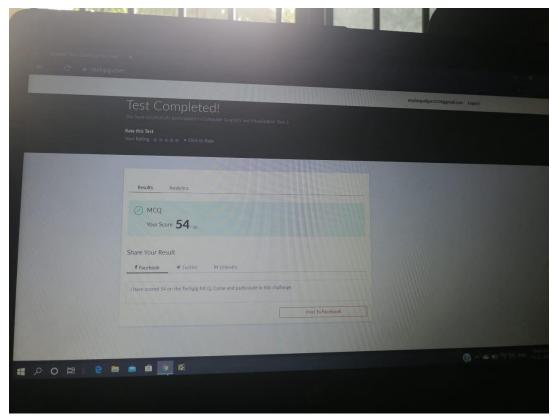
DAILY ONLINE ACTIVITIES SUMMARY

Date:	19-05-2020		Name: Madan G G		G Gudigar	
Sem & Sec	VI A		USN:	4AL17CS048		
Online Test Summary						
Subject	CGV	IA Test				
Max. Marks	60		Score	54		
Certification Course Summary						
Course	Web De	Web Development with Python and Javascript				
Certificate Provider		Harvard University	Duration	tion 12 weeks		
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 th	e report	in Github	Yes			
If yes Repos	itory nan	1e	https://github.com/Madangudigar/online_coding			
Uploaded th	e report i	in slack	Yes			

Online Test Details

CGV TEST Details:



Online Certification Details

Lesson-2

- HTML
- CSS

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.

```
import java.util.Scanner;

public class ShortestPalindromeDemo {
  public static String shortestPalindrome(String str)
  int x=0;
  int y=str.length()-1;

  int while(y>=0){
  if(str.charAt(x)==str.charAt(y)){
  ix x+;
  ix y--;
  ix if(x==str.length())
  ix if(x==s
```



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.