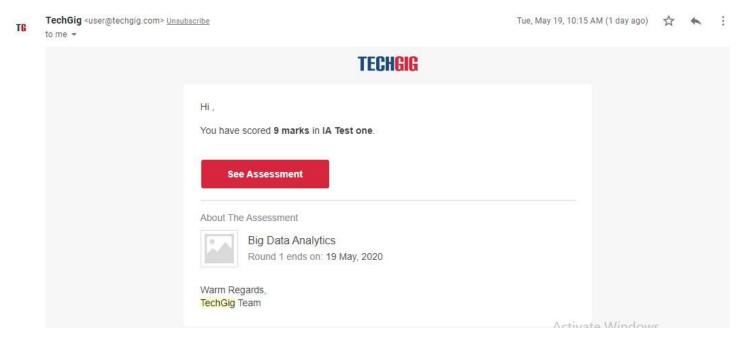
DAILY ONLINE ACTIVITIES SUMMARY

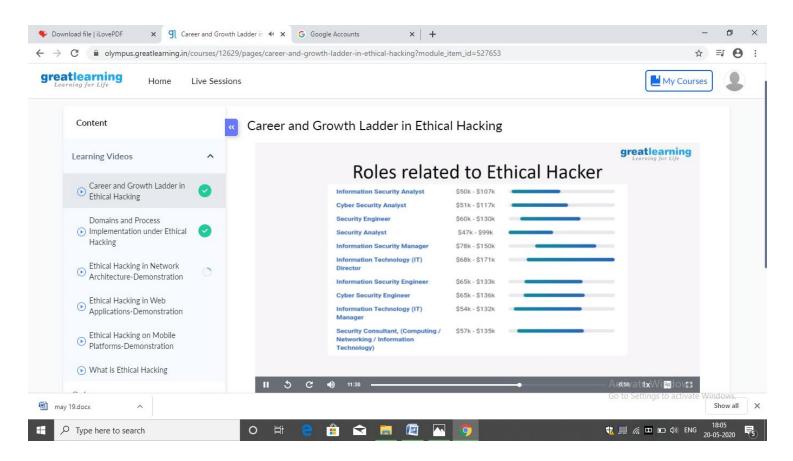
Date:	19/05/2020		Name:	Prathiksha		
Sem & Sec	8 th sem & B sec		USN:	4AL16CS070		
Online Test Summary						
Subject Big Data Analytics(BDA)						
Max. Marks 30			Score	9		
Certification Course Summary						
Course Introduction To Ethical Hacking						
Certificate Provider		Great Learning Academy	Duration		6hrs	
Coding Challenges						
Problem Statement:1. Find out what will be shortest palindrome string.2. Write a simple code to identify given linked list is palindrome or not by using stack.						
Status: Solved						
Uploaded the report in Github			Yes			
If yes Repository name			Online coding challenges			
Uploaded the report in slack			Yes			

Online Test Details:



IA1 portion was Module 1.

Certification Course Details:



Topic: Career and Growth Ladder in Ethical Hacking with roles

Coding Challenges Details:

Program 1:

```
import java.util.Scanner;
                   public class ShortestPalindromeDemo {
                   public static String shortestPalindrome(String str) {
                   int x=0:
                   int y=str.length()-1;
                   while(y>=0){
                   if(str.charAt(x)==str.charAt(y)){
                   }
                   y--;
                   if(x==str.length())
                   return str;
                   String suffix = str.substring(x);
                   String prefix = new StringBuilder(suffix).reverse().toString();
                   String mid = shortestPalindrome(str.substring(0, x));
                   return prefix+mid+suffix;
                   public static void main(String[] args) {
                   Scanner in = new Scanner(System.in);
                   System.out.println("Enter a String to find out shortest palindrome");
                   String str=in.nextLine():
                   System.out.println("Shortest palindrome of "+str+" is "+shortestPalindrome(str));
Program 2:
                   import java.util.Stack;
                   class Node {
                   int data:
                   Node next:
                   Node(int i)
                   this.data = i;
                   this.next = null;
                   };
                   class Main
                   public static boolean isPalindrome(Node head)
                   Stack s = new Stack <> ();
                   Node node = head; while (node != null) {
                                                                s.push(node.data);
                                                                                       node = node.next; }
                   node = head; while (node != null) { int top = s.pop(); if (top != node.data) {
                          return false; } node = node.next; }
                   public static void main(String[] args)
```

Node head = new Node(1);