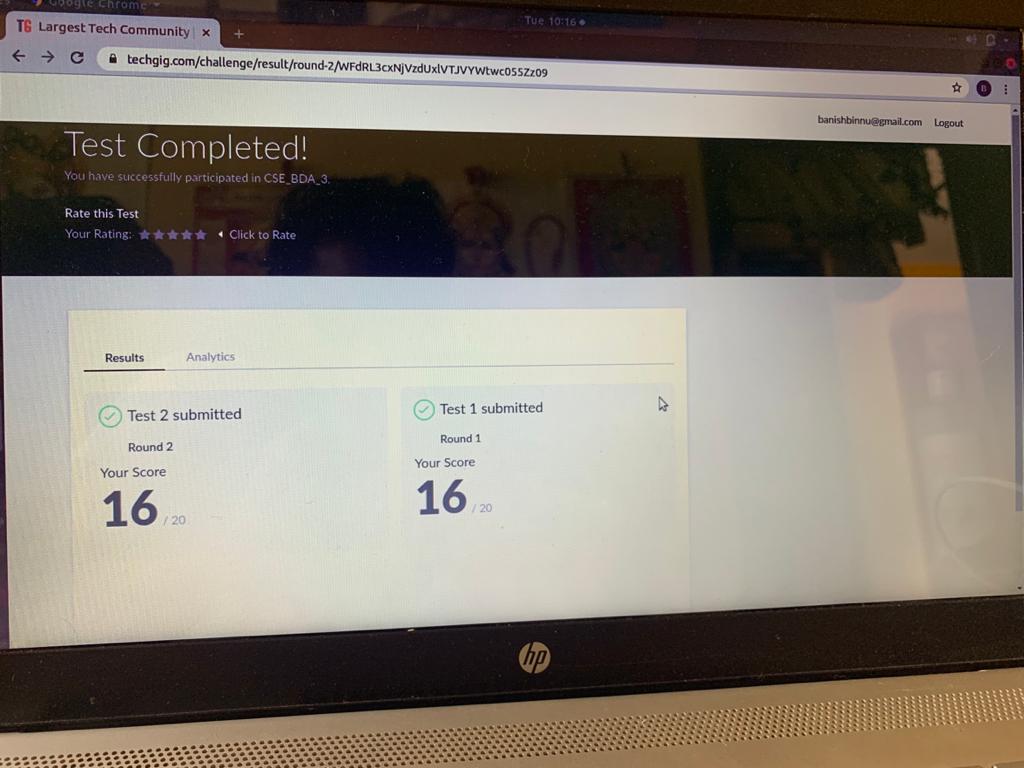
**DAILY ONLINE ACTIVITIES SUMMARY**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Date:** | **26/5/2020** | | | | | **Name:** | **Banish M G** | |
| **Sem & Sec** | **8th Sem** | | | | | **USN:** | **4AL16CS020** | |
| **Online Test Summary** | | | | | | | | |
| **Subject** | | **BDA** | | | | | | |
| **Max. Marks** | | **Round1 – 16**  **Round 2 - 16** | | **Score** | | | **Round 1-20**  **Round 2 - 20** | |
| **Certification Course Summary** | | | | | | | | |
| **Course** | **DataCamp : Supervised learning with Scikit learning** | | | | | | | |
| **Certificate Provider** | | | **Datacamp** | | **Duration** | | | **4 hrs** |
| **Coding Challenges** | | | | | | | | |
| **Problem Statement:**  1. Write a program in C to print all permutations of a given string using pointers  2. Python Program to Check if a Number is a Palindrome | | | | | | | | |
| **Status:COMPLETED** | | | | | | | | |
| **Uploaded the report in Github** | | | | | **yes** | | | |
| **If yes Repository name** | | | | | B**anish\_MG** | | | |
| **Uploaded the report in slack** | | | | | **yes** | | | |

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



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)

Write a program in C to print all permutations of a given string using pointers

#include <stdio.h>

#include <string.h>

/\* Function to swap values at two pointers \*/

void swap (char \*x, char \*y)

{

char temp;

temp = \*x;

\*x = \*y;

y = temp;

}

/ End of swap() \*/

/\* Function to print permutations of string \*/

void permute(char \*a, int i, int n)

{

int j;

if (i == n)

printf("%s\n", a);

else {

for (j = i; j <= n; j++)

{

swap((a + i), (a + j));

permute(a, i + 1, n);

swap((a + i), (a + j)); //backtrack

}

}

}

/\* The main() begins \*/

int main()

{

char a[20];

int n;

printf("Enter a string: ");

scanf("%s", a);

n = strlen(a);

printf("Permutaions:\n");

permute(a, 0, n - 1);

getchar();

return 0;

}

2 Python Program to Check if a Number is a Palindrome

n=int(input("Enter number:"))

temp=n

rev=0

while(n>0):

dig=n%10

rev=rev\*10+dig

n=n//10

if(temp==rev):

print("The number is a palindrome!")

else:

print("The number isn't a palindrome!")