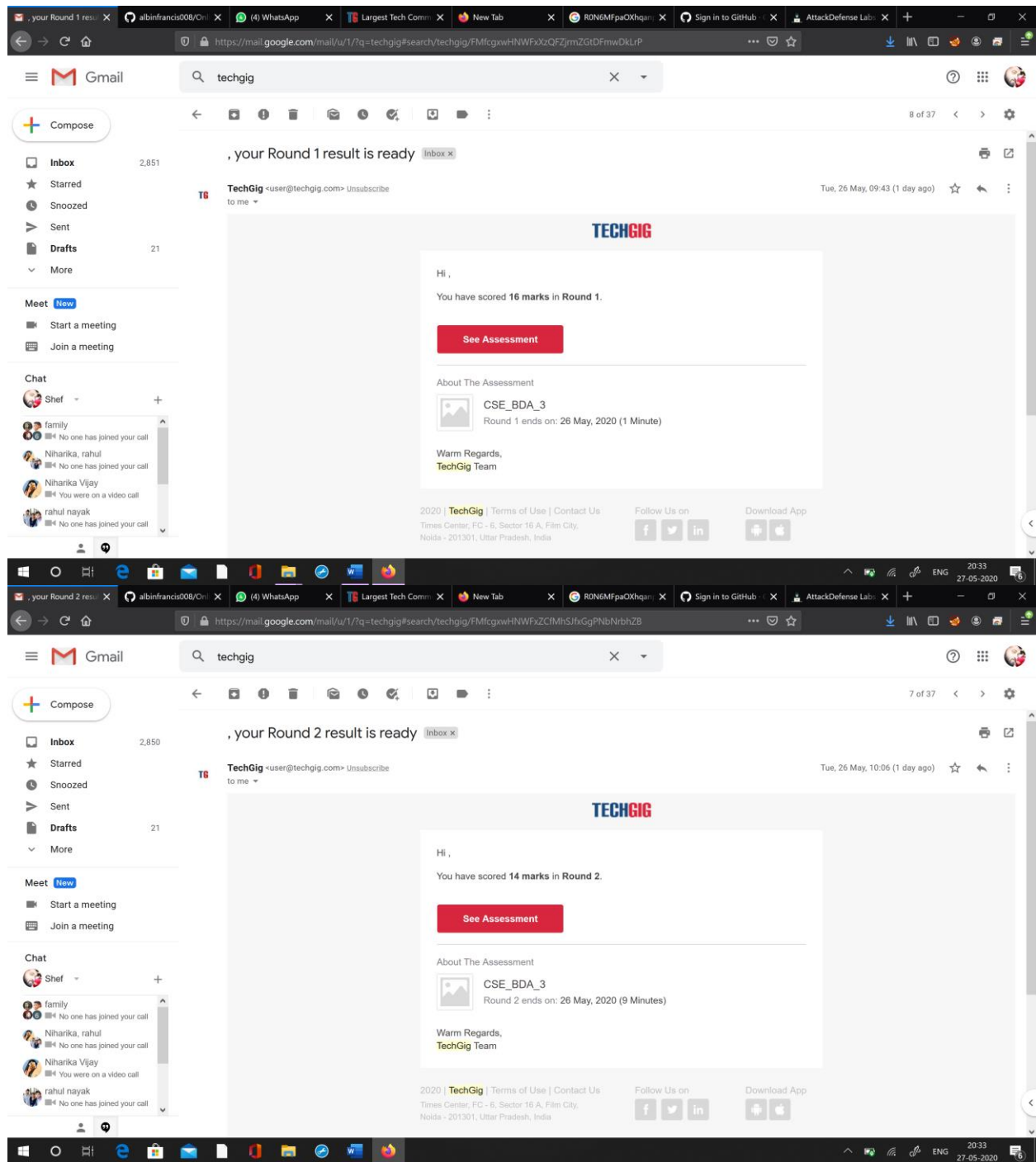


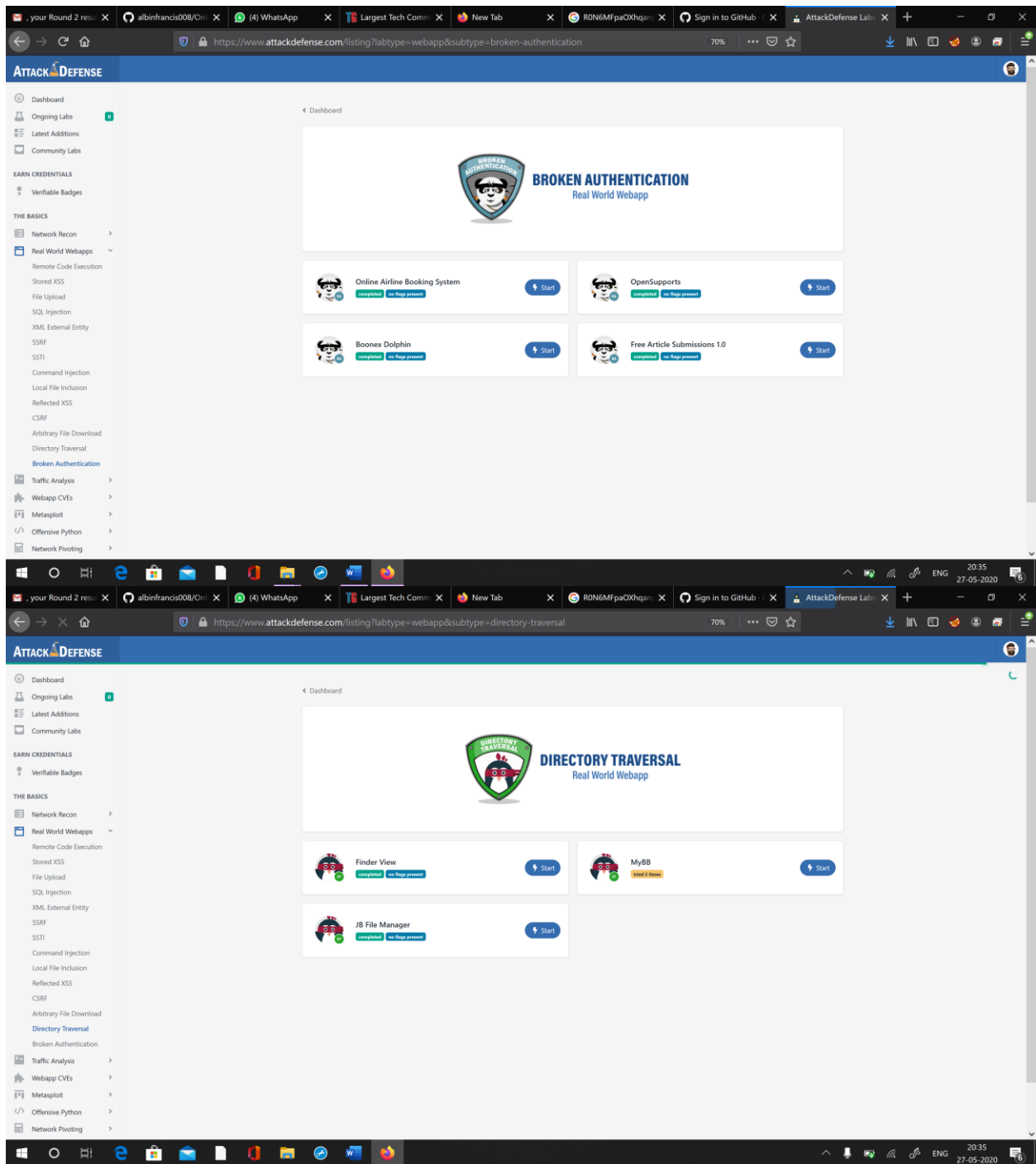
DAILY ONLINE ACTIVITIES SUMMARY

Date:	26/05/2020	Name:	SAFEEQ B
Sem & Sec	8 th sem,A	USN:	4AL15CS111
Online Test Summary			
Subject	BDA		
Max. Marks	40	Score	30
Certification Course Summary			
Course	PENTESTER ACADEMY		
Certificate Provider	PENTESTER	Duration	6 HOURS
Coding Challenges			
Problem Statement: Write a program in C to print all permutations of a given string using pointers.			
Status: Solved			
Uploaded the report in Github		Yes	
If yes Repository name		/safeeq	
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)

PROGRAM 1

/ 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;
}

```