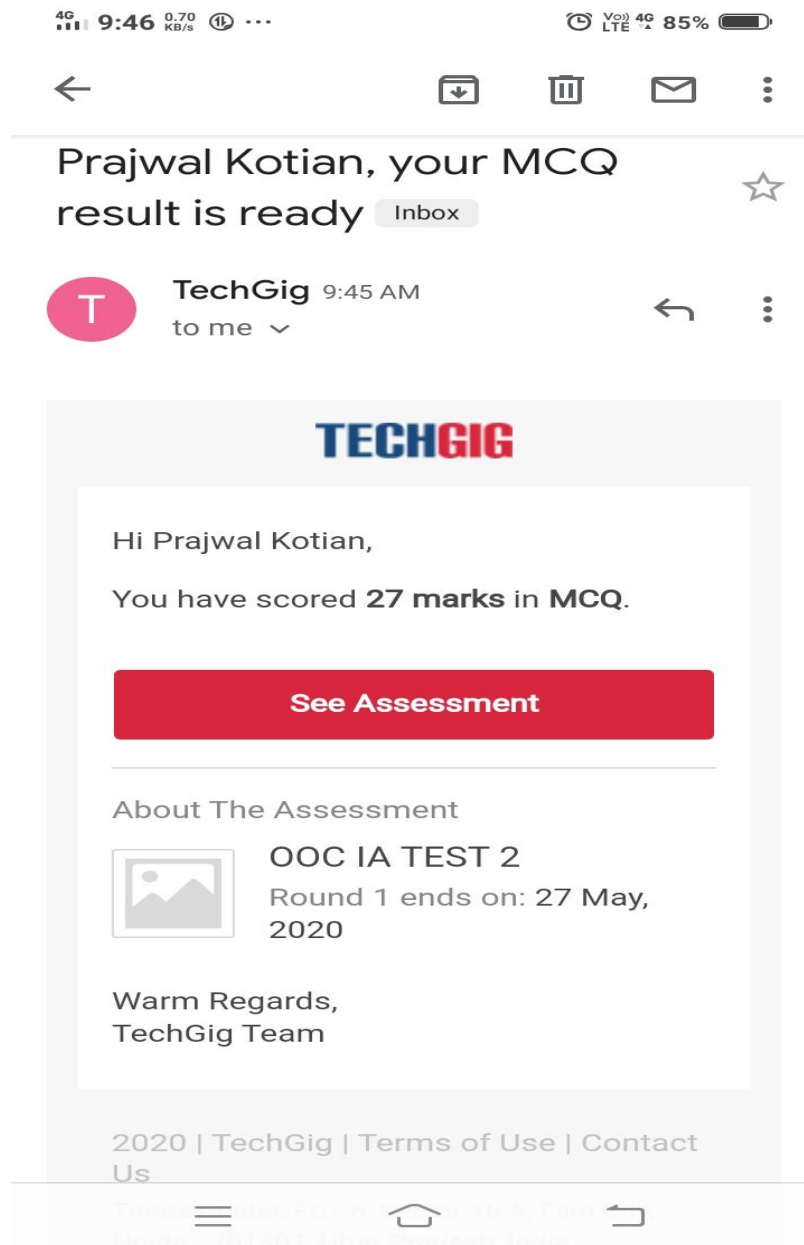


DAILY ONLINE ACTIVITIES SUMMARY

Date:	27/05/2020	Name:	Prajwal
Sem & Sec	IV sem & B sec	USN:	4AL18CS057
Online Test Summary			
Subject	Object Oriented Concepts		
Max. Marks	30	Score	27
Certification Course Summary			
Course	Machine Learning With Python		
Certificate Provider	COGNITIVE CLASS	Duration	12 hours
Coding Challenges			
Problem Statement: 1. Write a C program to sort an array of integers in ascending order and display the sorted array. 2. Write a C program to print all permutation of a given string using pointers.			
Status: Done			
Uploaded the report in Github		YES	
If yes Repository name		https://github.com/PRAJWALKOTIAN/lockdown-coding	
Uploaded the report in slack		YES	

Online test details

Test was conducted from 09:15 to 09:45 am dated 27 may 2020.
The test includes MCQ kind of questions. There were 30 questions of 1 mark each.



Certification Course Details

The course I have chosen is MACHINE LEARNING WITH PYTHON in this I studied the detailed introduction to the decision trees.

4G 2:02 61.3 KB/s


VVo 4G 90%

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Intro to Decision Trees (4:02)

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Intro to Decision Trees (4:02)



us determine which drug to prescribe.

The additional decision variables can be things such as Cholesterol levels, Gender or Blood Pressure.

For example, if the patient

Video

[Download video file](#)

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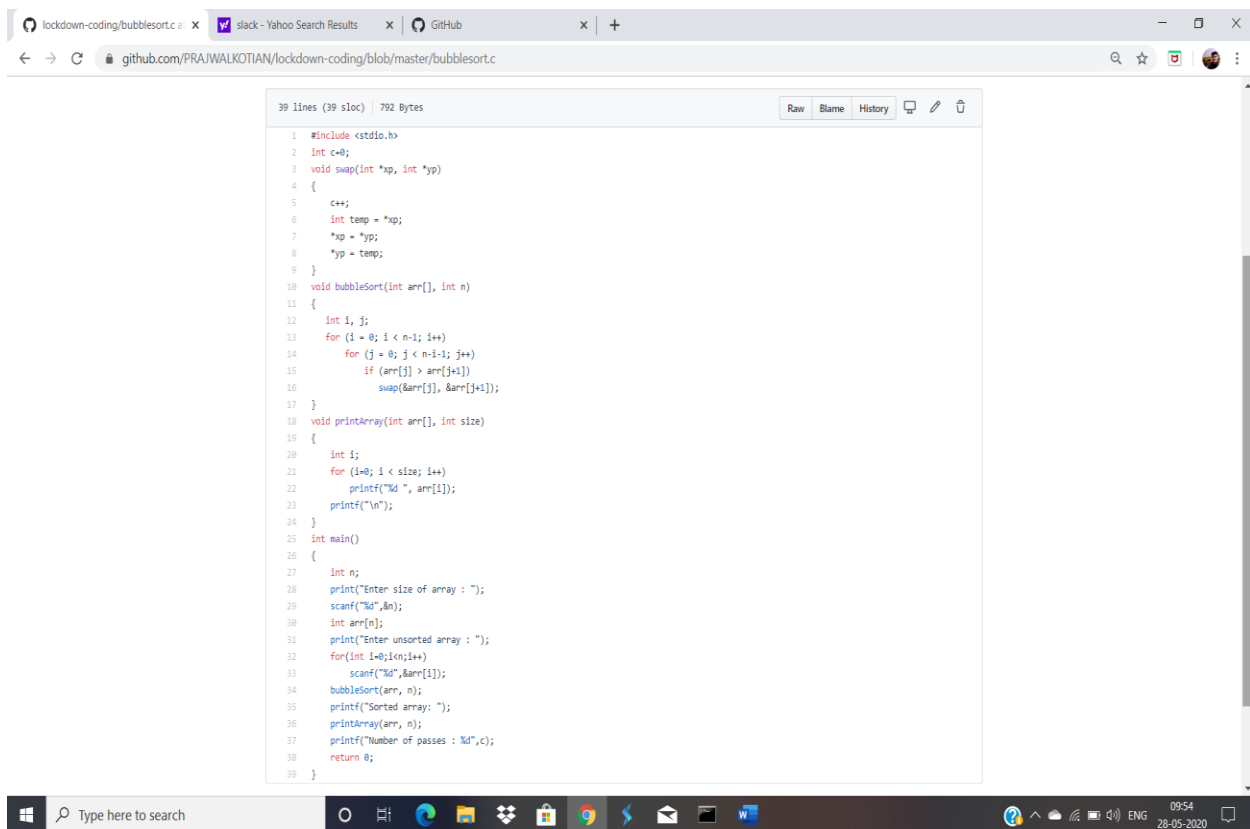
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Coding Challenges Details

The bellow given codes are there on my github repository
<https://github.com/PRAJWALKOTIAN/lockdown-coding>

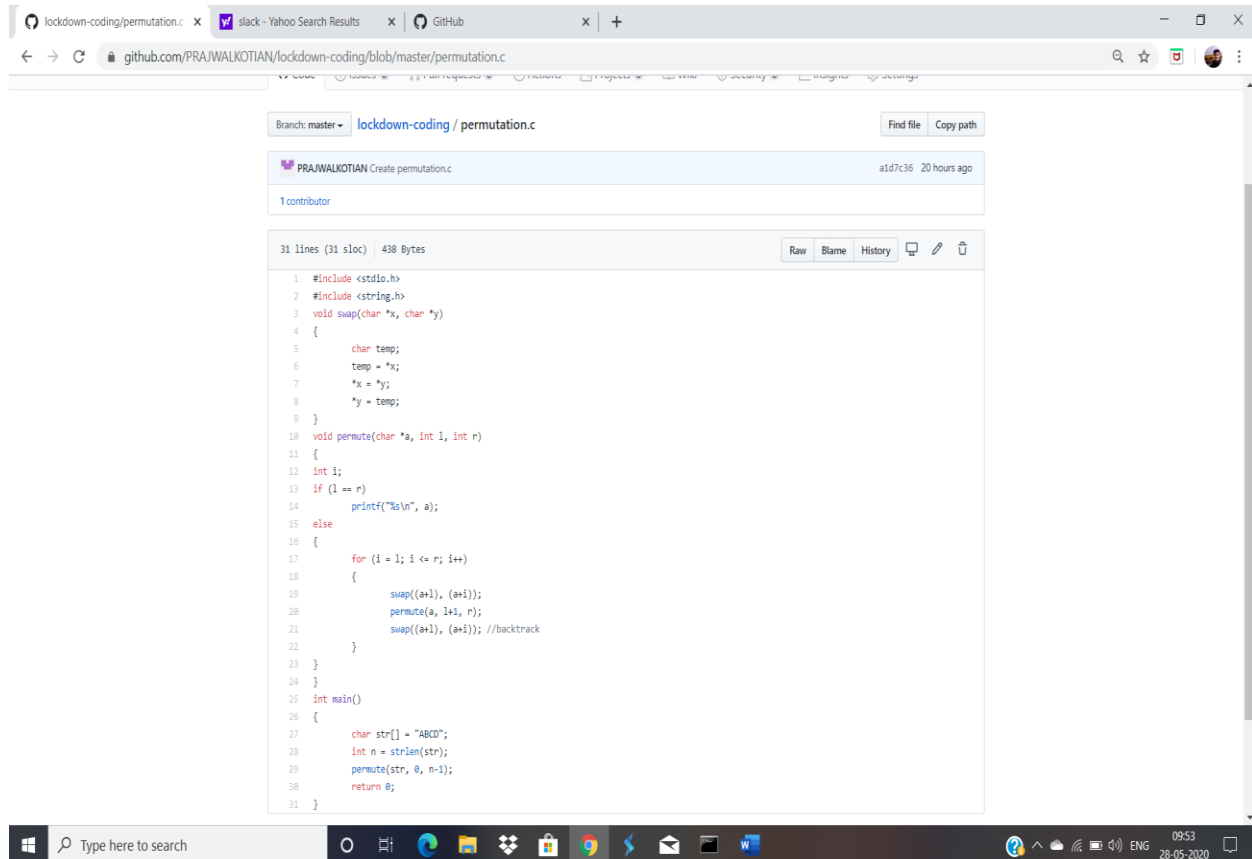
1. Write a C program to sort an array of integers in ascending order and display the sorted array.



The screenshot shows a web browser window with the address bar displaying `github.com/PRAJWALKOTIAN/lockdown-coding/blob/master/bubblesort.c`. The page content shows a C program for bubble sort. The code is as follows:

```
39 lines (39 sloc) | 792 Bytes
1  #include <stdio.h>
2  int c=0;
3  void swap(int *xp, int *yp)
4  {
5      c++;
6      int temp = *xp;
7      *xp = *yp;
8      *yp = temp;
9  }
10 void bubbleSort(int arr[], int n)
11 {
12     int i, j;
13     for (i = 0; i < n-1; i++)
14         for (j = 0; j < n-i-1; j++)
15             if (arr[j] > arr[j+1])
16                 swap(&arr[j], &arr[j+1]);
17 }
18 void printArray(int arr[], int size)
19 {
20     int i;
21     for (i=0; i < size; i++)
22         printf("%d ", arr[i]);
23     printf("\n");
24 }
25 int main()
26 {
27     int n;
28     printf("Enter size of array : ");
29     scanf("%d",&n);
30     int arr[n];
31     printf("Enter unsorted array : ");
32     for(int i=0;i<n;i++)
33         scanf("%d",&arr[i]);
34     bubbleSort(arr, n);
35     printf("Sorted array: ");
36     printArray(arr, n);
37     printf("Number of passes : %d",c);
38     return 0;
39 }
```

2. Write a C program to print all permutation of a given string using pointers.



The screenshot shows a web browser displaying a GitHub repository page for a C program. The browser's address bar shows the URL `github.com/PRAJWALKOTIAN/lockdown-coding/blob/master/permutation.c`. The repository name is `lockdown-coding / permutation.c`. The file was created by `PRAJWALKOTIAN` 20 hours ago. The file is 31 lines long and 438 bytes in size. The code is as follows:

```
1 #include <stdio.h>
2 #include <string.h>
3 void swap(char *x, char *y)
4 {
5     char temp;
6     temp = *x;
7     *x = *y;
8     *y = temp;
9 }
10 void permute(char *a, int l, int r)
11 {
12     int i;
13     if (l == r)
14         printf("%s\n", a);
15     else
16     {
17         for (i = l; i <= r; i++)
18         {
19             swap((a+l), (a+i));
20             permute(a, l+1, r);
21             swap((a+l), (a+i)); //backtrack
22         }
23     }
24 }
25 int main()
26 {
27     char str[] = "ABCD";
28     int n = strlen(str);
29     permute(str, 0, n-1);
30     return 0;
31 }
```