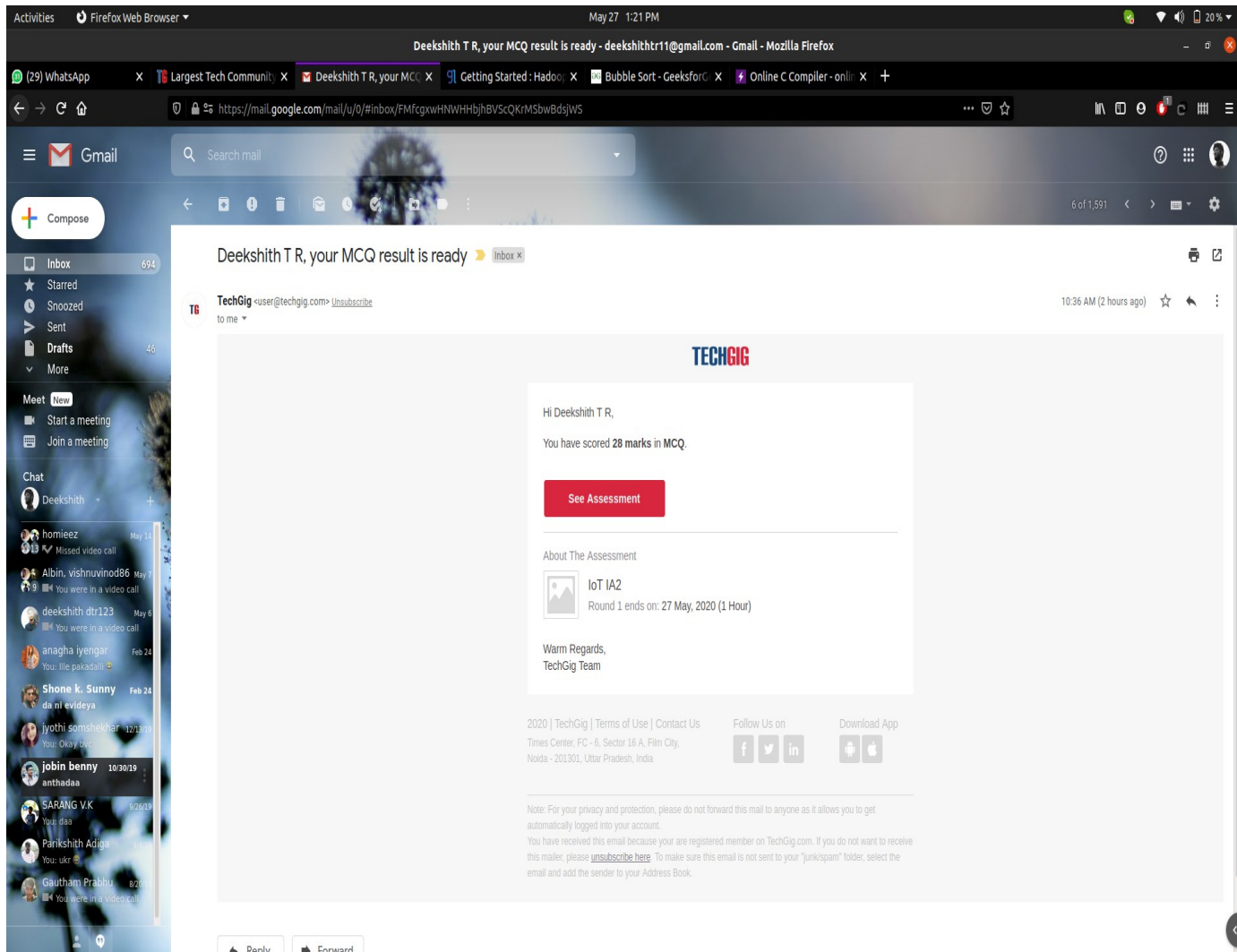


DAILY ONLINE ACTIVITIES SUMMARY

Date:	27/05/2020	Name:	Deekshith T R
Sem & Sec	8th A	USN:	4AL16CS027
Online Test Summary			
Subject	IOT		
Max. Marks	30	Score	28
Certification Course Summary			
Course	Getting Started Hadoop		
Certificate Provider	Great learning	Duration	35 mins
Coding Challenges			
Problem Statement: Write a C Program to sort an array of integers in ascending order and display the sorted array and Number of passes performed for sorting.			
Status: COMPLETED			
Uploaded the report in Github		YES	
If yes Repository name		Deekshithtr_16cs027	
Uploaded the report in slack		YES	

Snapshot of test



Certification Course Details:

Activities Firefox Web Browser May 27 1:21 PM

Getting Started : Hadoop - Great Learning - Mozilla Firefox

(29) WhatsApp x Largest Tech Communit x [alvas-education-found x Getting Started : Hadoop x Bubble Sort - Geeksfor x Online C Compiler - onlin x +

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📎 Hadoop 1.x.pptx		📎

https://olympus.greatlearning.in/courses/12888/pages/hadoop-1-dot-x-vs-hadoop-2-dot-x?module_item_id=566341

Coding Challenges Details

Program

```
#include <stdio.h>
void swap(int *xp, int *yp)
{
    int temp = *xp;
    *xp = *yp;
    *yp = temp;
}
int bubbleSort(int arr[], int n)
{
    int i, j, count=0;
```

```

int swapped;
for (i = 0; i < n-1; i++)
{
    swapped = 0;
    for (j = 0; j < n-i-1; j++)
    {
        if (arr[j] > arr[j+1])
        {
            swap(&arr[j], &arr[j+1]);
            swapped = 1;
            count++;
        }
    }
    if (swapped == 0)
        break;
}
return count;
}

void printArray(int arr[], int size)
{
    int i;
    for (i=0; i < size; i++)
        printf("%d ", arr[i]);
    printf("\n");
}

int main()
{
    int arr[50], num;
    printf("enter the number of elements");
    scanf("%d", &num);
    printf("enter the elements");
    for(int i=0; i<num; i++){
        scanf("%d", &arr[i]);
    }
    int c=bubbleSort(arr, num);
    printf("Sorted array: \n");
    printArray(arr, num);
    printf("Number of passes:%d\n", c);
    return 0;
}

```