

DAILY ONLINE ACTIVITIES SUMMARY

Date:	27/5/2020	Name:	Divya C H
Sem & Sec	8 th Sem	USN:	4AL16CS033
Online Test Summary			
Subject	Internet of Things		
Max. Marks	30	Score	28
Certification Course Summary			
Course	jQuery for Absolute Beginners : From Beginning to Advanced		
Certificate Provider	Udemy.com	Duration	2.3 hrs
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		Daily_report	
Uploaded the report in slack		yes	

Online Test Details:

The screenshot shows a Gmail interface on a desktop. The top bar includes the Gmail logo, a search bar, and a notification for 4 of 2,478 emails. The left sidebar shows the 'Inbox' with 1,798 emails, and a 'Meet' section with options to start or join a meeting. The main content area displays an email from 'TechGig' with the subject 'Hi Divya C H, You have scored 28 marks in MCQ.' The email body contains a red button labeled 'See Assessment', a section titled 'About The Assessment' with a placeholder image and text 'IoT IA2 Round 1 ends on: 27 May, 2020 (1 Hour)', and a sign-off 'Warm Regards, TechGig Team'. The footer of the email includes contact information for TechGig in Noida, India, and social media links for Facebook, Twitter, and LinkedIn. The bottom of the screen shows a Windows taskbar with various application icons and a system tray with the date 27-05-2020 and time 20:56.

Certification Course Details:

The screenshot shows a Udemy course page for 'jQuery for Absolute Beginner'. The top of the page features a video player with a code editor overlay showing jQuery code. Below the video player, there is a navigation bar with tabs for 'Course content', 'Overview', 'Q&A', 'Bookmarks', and 'Announcements'. The 'Course content' tab is active, displaying a list of course sections and lessons. The sections are: 'Section 1: jQuery Intro', 'Section 2: jQuery Basics', and 'Section 3: jQuery Advanced'. Each section has a list of lessons with checkboxes indicating completion status. The lessons in Section 2 include: '3. Adding jQuery in your site', '4. A first look at jQuery code', '5. Selectors and filters', '6. Replacing contents', '7. Handling Events', '8. Hover Effects and Hide/Show Events: Part 1', '9. Hover Effects and Hide/Show Events: Part 2', '10. Fading', '11. Slide', '12. Toggle', '13. Animate', '14. Selectors', and '15. Filters'. The bottom of the screen shows a Windows taskbar with various application icons and a system tray with the date 27-05-2020 and time 20:56.

Coding Challenges Details:

Program 1:

```
#include <stdio.h>

#define MAXSIZE 10

void main()
{
    int array[MAXSIZE];
    int i, j, num, temp, c1=0, c2=0;
    printf("Enter the value of num \n");
    scanf("%d", &num);
    printf("Enter the elements one by one \n");
    for (i = 0; i < num; i++)
    {
        scanf("%d", &array[i]);
    }
    printf("Input array is \n");
    for (i = 0; i < num; i++)
    {
        printf("%d\t", array[i]);
    }
    for (i = 0; i < num; i++)
    {
        for (j = 0; j < (num - i - 1); j++)
        {
```

```

    if (array[j] > array[j + 1])
    {
        temp = array[j];
        array[j] = array[j + 1];
        array[j + 1] = temp;
        c1++;
    }

    else
        c2++;

}

}

printf("\nSorted array is...\n");
for (i = 0; i < num; i++)
{
    printf("%d\t", array[i]);
}

printf("\nTotal Number of passes is : %d\n",c1+c2);
printf("No of passes the values were swaped : %d\n",c1);
printf("No of passes the values were already sorted : %d\n",c2);
}

```

