

## DAILY ONLINE ACTIVITIES SUMMARY

<b>Date:</b>	27/05/2020	<b>Name:</b>	Vignesha M. Shetty
<b>Sem &amp; Sec</b>	8 <sup>th</sup> ,B	<b>USN:</b>	4AAL16CS124
<b>Online Test Summary</b>			
<b>Subject</b>	Internet of Things		
<b>Max. Marks</b>	30	<b>Score</b>	28
<b>Certification Course Summary</b>			
<b>Course</b>	Introduction to Ethical Hacking		
<b>Certificate Provider</b>	Great Learning	<b>Duration</b>	6 hours
<b>Coding Challenges</b>			
<b>Problem Statement: 1. Bubble sort.</b>			
<b>Status: Solved</b>			
<b>Uploaded the report in Github</b>		yes	
<b>If yes Repository name</b>		<b>College repository:</b> <a href="https://github.com/alvas-education-foundation/vigneshshetty">https://github.com/alvas-education-foundation/vigneshshetty</a>  <b>Own repositories are:</b> vigneshshetty/vignesh124 vigneshshetty/Online_Certifications vigneshshetty/online_coding vigneshshetty/Daily_progress_report	
<b>Uploaded the report in slack</b>		yes	

**Certification Course Details: (Attach the snapshot and briefly write the report for the same)**

The screenshot shows the Great Learning website interface. At the top, there's a navigation bar with 'Home', 'Live Sessions', and 'Certificates'. A 'My Courses' button and a user profile icon are on the right. The main header features a course card for 'Introduction to Ethical Hacking' with a 'Course In Progress' status. Below this, there are two tabs: 'CONTENT' (selected) and 'ASSESSMENTS'. Under the 'CONTENT' tab, a section titled 'Learning Videos' lists four videos with their durations and completion status (indicated by green checkmarks):

Video Title	Duration	Status
Career and Growth Ladder in Ethical Hacking	18m	Completed
Domains and Process Implementation under Ethical Hacking	54m	Completed
Ethical Hacking in Network Architecture-Demonstration	48m	Completed
Ethical Hacking in Web Applications-Demonstration	50m	Completed

An 'Activate Windows' watermark is visible at the bottom right of the screenshot.

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

The screenshot shows an email notification from TechGig. The subject line is 'vigneshamandara shetty, your MCQ result is ready'. The email body contains the following information:

- Hi Vigneshma Mandara Shetty,**
- You have scored 28 marks in MCQ.**
- A red button labeled **See Assessment**.
- About The Assessment**
- IoT IA2**
- Round 1 ends on: 27 May, 2020 (1 Hour)**
- Warm Regards**

Module 4

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

```
52 lines (51 slc) 702 Bytes
Raw Blame History

1 # Bubble sort
2
3 #include <stdio.h>
4 void swap(int *xp, int *yp)
5 {
6     int temp = *xp;
7     *xp = *yp;
8     *yp = temp;
9 }
10 int bubbleSort(int arr[], int n)
11 {
12     int i, j, count=0;
13     int swapped;
14     for (i = 0; i < n-1; i++)
15     {
16         swapped = 0;
17         for (j = 0; j < n-i-1; j++)
18         {
19             if (arr[j] > arr[j+1])
20             {
21                 swap(&arr[j], &arr[j+1]);
22                 swapped = 1;
23                 count++;
24             }
25         }
26         if (swapped == 0)
27             break;
28     }
29     return count;
30 }
31 void printArray(int arr[], int size)
```