# DAILY ONLINE ACTIVITIES SUMMARY

| Date: | 27-05-2020 | | Name: | Shriraksha |
|---|---|---|---|---|
| Sem & Sec | 8th,B | | USN: | 4AL16CS099 |

## Online Test Summary

| Subject | IOT | | |
|---|---|---|---|
| Max. Marks | 30 | Score | 28 |

## Certification Course Summary

| Course | Introduction to ethical hacking | | |
|---|---|---|---|
| Certificate Provider | Great learning | Duration | 6 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: Solved**

| Uploaded the report in Github | Yes |
|---|---|
| If yes Repository name | alvas-education-foundation/ Shriraksha_k |
| Uploaded the report in slack | Yes |

## Online Test Details:

**TECHGIG**

Hi Shriraksha K,

You have scored **28 marks** in **MCQ**.

**See Assessment**

About The Assessment

IoT IA2
Round 1 ends on: 27 May, 2020 (1 Hour)

Warm Regards,
TechGig Team
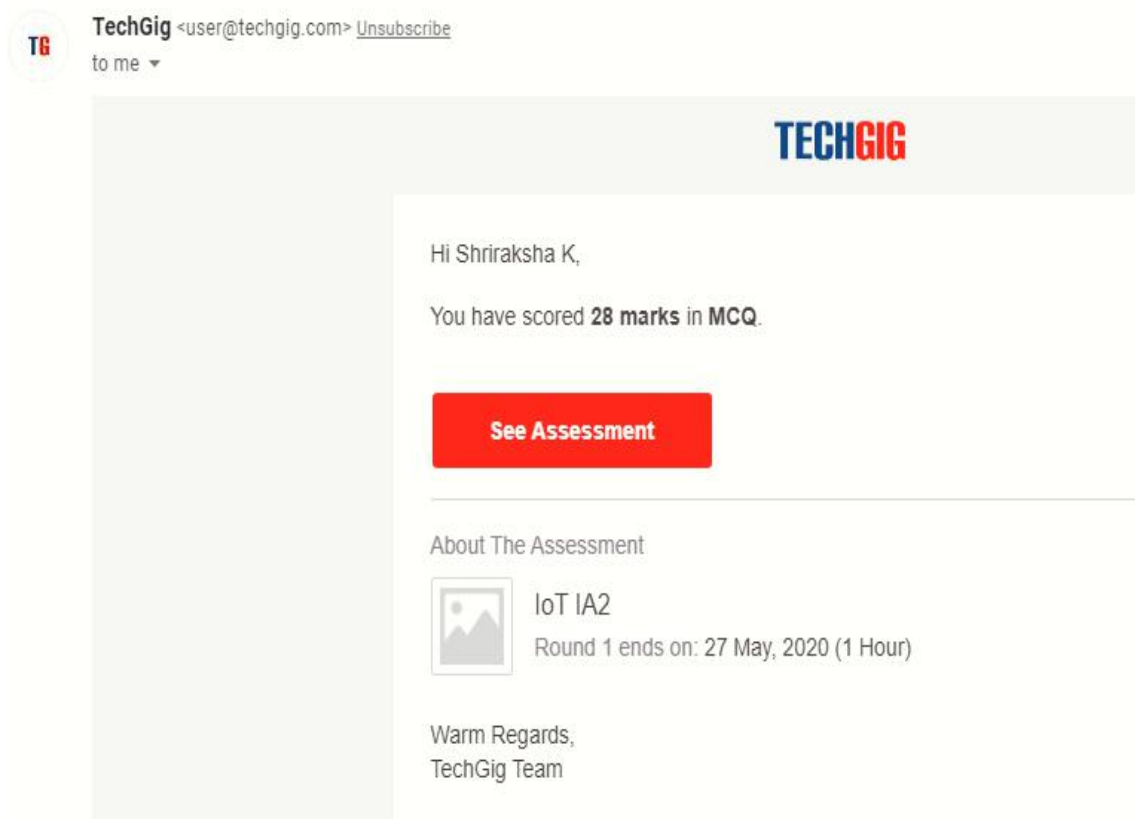
## Certification Course Details:

Certified ethical hackers make an average annual income of **$80,074**, according to Payscale. The average starting salary for a certified ethical hacker is **$95,000**, according to EC-Council senior director Steven Graham. The founder of NoWiresSecurity, Eric Geier, estimates a more conservative **$50,000 to $100,000 per year** in the first years of work depending on your employer, experience and education. Those with a few years of experience can pull **$120,000 and upwards per year**, particularly those who work as independent consultants.

# Ethical Hacking Career: Job Profiles

After attaining the much coveted CEH v10, an ethical hacker can try for the following roles:

- Information Security Analyst
- Security Analyst
- Certified Ethical Hacker (CEH)
- Ethical Hacker
- Security Consultant, (Computing / Networking / Information Technology)
- Information Security Manager
- Penetration Tester
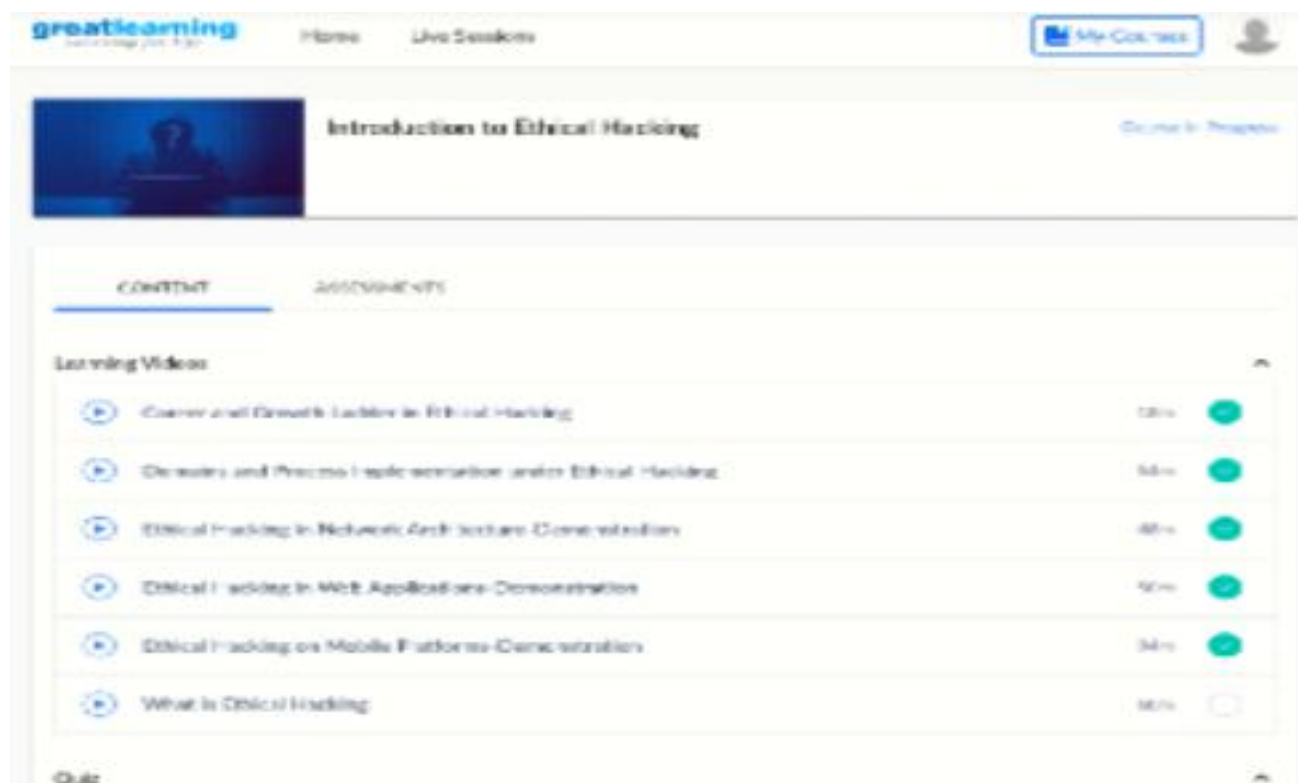


# Coding Challenges:

```c
#include <stdio.h>
void swap(int *xp, int *yp)
{
   int temp = *xp;
   *xp = *yp;
   *yp = temp;
```

```c
}
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);
```

```c
    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;
}
```