DAILY ONLINE ACTIVITIES SUMMARY

Date:	27/5/2020	**Name:**	**Rohan k r**
Sem & Sec	**8th Sem**	**USN:**	**4AL16CS128**

Online Test Summary

Subject	**BDA**		
Max. Marks	30	**Score**	28

Certification Course Summary

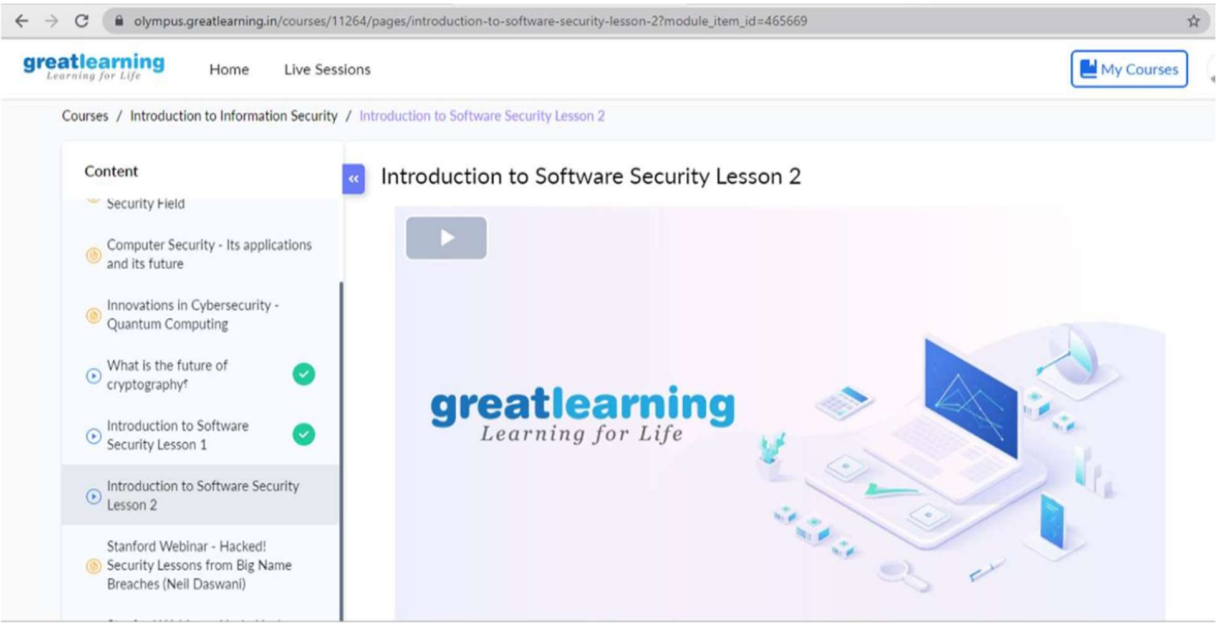
Course	**INFORMATION SECURITY**		
Certificate Provider	**GREAT LEARNING**	**Duration**	**52 MINS**

Coding Challenges

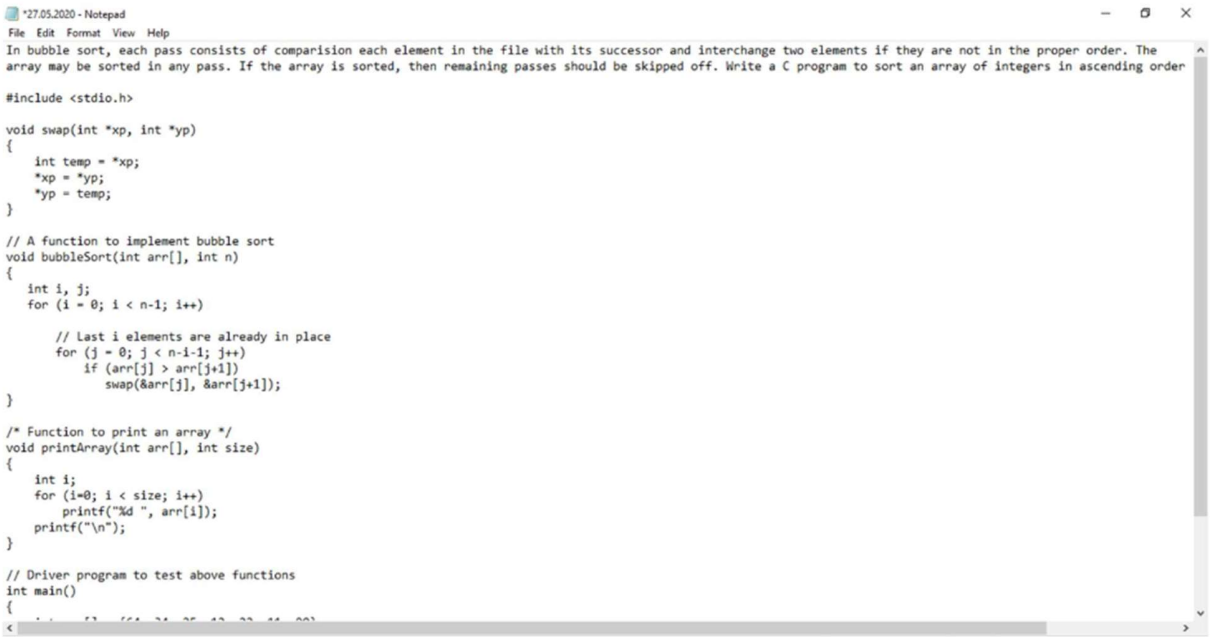
Problem Statement: 1:	
Status:COMPLETED	
Uploaded the report in Github	**yes**
If yes Repository name	**ROHAN**
Uploaded the report in slack	**yes**

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

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



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



*27.05.2020 - Notepad

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In bubble sort, each pass consists of comparision each element in the file with its successor and interchange two elements if they are not in the proper order. The array may be sorted in any pass. If the array is sorted, then remaining passes should be skipped off. Write a C program to sort an array of integers in ascending order

```
#include <stdio.h>

void swap(int *xp, int *yp)
{
    int temp = *xp;
    *xp = *yp;
    *yp = temp;
}

// A function to implement bubble sort
void bubbleSort(int arr[], int n)
{
   int i, j;
   for (i = 0; i < n-1; i++)

       // Last i elements are already in place
       for (j = 0; j < n-i-1; j++)
           if (arr[j] > arr[j+1])
              swap(&arr[j], &arr[j+1]);
}

/* Function to print an array */
void printArray(int arr[], int size)
{
    int i;
    for (i=0; i < size; i++)
        printf("%d ", arr[i]);
    printf("\n");
}

// Driver program to test above functions
int main()
{
```