DAILY ONLINE ACTIVITIES SUMMARY

Date:	22/05/2020		Name:	Pragathi h d
Sem & Sec	8 sem B sec		USN:	4AL16CS066
Online Test Summary				
Subject	SMS			
Max. Marks	60		Score	60
Certification Course Summary				
Course	Introduction to ethical hacking			
Certificate Provider	Great Learning		Duration	6.00hrs
Coding Challenges				
Problem Statement: BUBBLE SORT				
Status: Solved				
Uploaded the report in Github			Uploaded	
If yes Repository name			Pragathijain	
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)

Online coding challenge

```c
#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;
}
```

Certification course details

Online test

Results   Analytics

✓ PROBLEM SOLVING

Your Score **60** / 60

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I have scored 60 on the Techgig PROBLEM SOLVING. Come and participate in this challenge.