DAILY ONLINE ACTIVITIES SUMMARY

Date:	27/05/2020		Name:	Divyashree Naik
Sem & Sec	8th sem A		USN:	4AL16CS034

Online Test Summary

Subject	Internet of Things		
Max. Marks	30	Score	28

Certification Course Summary

Course	Introduction to full stack development		
Certificate Provider	Great Learning	Duration	4hrs

Coding Challenges

Problem Statement: C Program to sort an array of integers in ascending order and display the sorted array and Number of passes performed for sorting.

Status: Complete

Uploaded the report in GitHub	Yes
If yes Repository name	Alvas-Report
Uploaded the report in slack	Yes

Online certification

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++;
```

```
Enter the number of elements: 5
Enter the elements
6 4 9 2 8
Sorted array:
2 4 6 8 9
Number of passes:5

Process returned 0 (0x0)   execution time : 18.210 s
Press any key to continue.
```