DAILY ONLINE ACTIVITIES SUMMARY

Date:	**1/06/2020**	**Name:**	**Afrah Saleem**
Sem & Sec	**8th B**	**USN:**	**4AL16CS127**

Online Test Summary

Subject	**SMS**		
Max. Marks	**60**	**Score**	**60**

Certification Course Summary

Course	**Learn android application development**		
Certificate Provider	**Udemy**	**Duration**	**10 hrs**

Coding Challenges

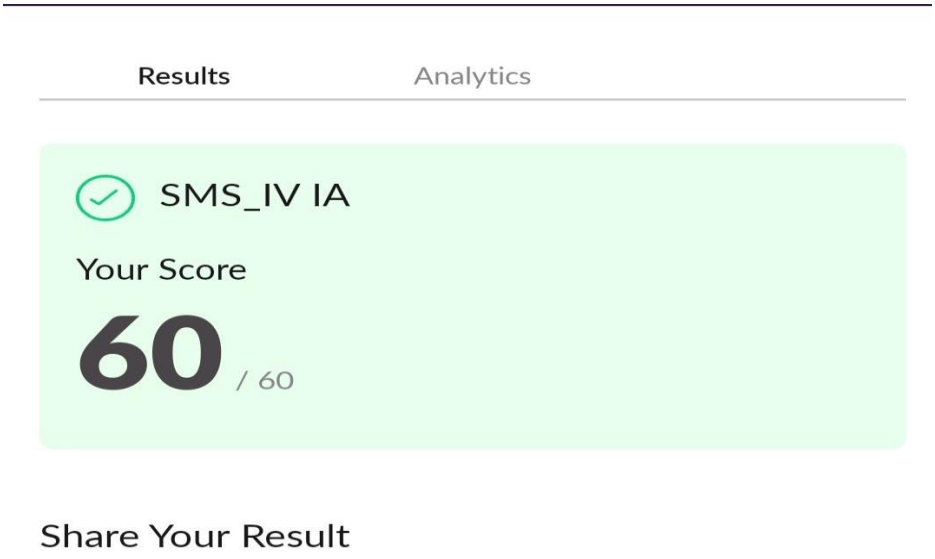
Problem Statement:

1) Write a C program to sort an array of integers in ascending or descending order and display the sorted array and number of passes while sorting

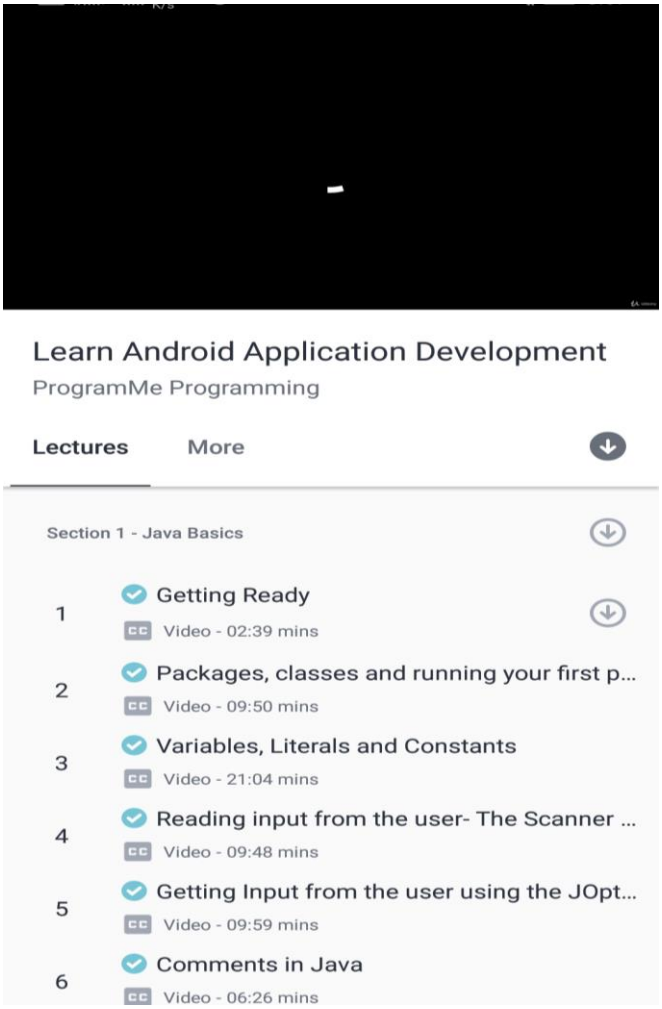
Status: Solved

Uploaded the report in Github	**YES**
If yes Repository name	**Afrah**
Uploaded the report in slack	**YES**

Online Test Details:



Certification Course Details:



CODE:

Program no:1

Write a C program to sort an array of integers in ascending or descending order and display the sorted array and number of passes while sorting###

```
#include <stdio.h>
#define MAXSIZE 10

void main()
{
   int array[MAXSIZE];
   int i, j, num, temp;

   printf("Enter the value of num \n");
   scanf("%d", &num);
   printf("Enter the elements one by one \n");
   for (i = 0; i < num; i++)
   {
      scanf("%d", &array[i]);
   }
   printf("Input array is \n");
   for (i = 0; i < num; i++)
   {
      printf("%d\n", array[i]);
   }
   /* Bubble sorting begins */
   for (i = 0; i < num; i++)
   {
      for (j = 0; j < (num - i - 1); j++)
      {
         if (array[j] > array[j + 1])
         {
            temp = array[j];
            array[j] = array[j + 1];
            array[j + 1] = temp;
         }
      }
   }
   printf("Sorted array is...\n");
   for (i = 0; i < num; i++)
   {
      printf("%d\n", array[i]);
   }
}
```