

DAILY ONLINE ACTIVITIES SUMMARY

Date:	01/07/2020	Name:	Divyashree Naik
Sem & Sec	8 th sem A	USN:	4AL16CS034
Online Test Summary			
Subject	---		
Max. Marks	---	Score	---
Certification Course Summary			
Course	Java Programming		
Certificate Provider	Great Learning	Duration	3.5 hrs
Coding Challenges			
Problem Statement: C program to Sort strings in Lexicographical Order			
Status: Complete			
Uploaded the report in Github		Yes	
If yes Repository name		Alvas-Report	
Uploaded the report in slack		Yes	

Online certification:

The screenshot shows the Great Learning website interface. The top navigation bar includes the Great Learning logo, "Home", "Live Sessions", and "Certificates" links. A "My Courses" button and a user profile icon are on the right. The main content area is titled "CONTENT" and "ASSESSMENTS". Under "CONTENT", there is a section for "Learning Videos" with a list of videos:

Video Title	Duration	Status
Agenda	51s	✓
What is Java	1m	✓
Install Java & Java IDE	5m	✓
First Java Program	3m	✓
Variables and Data Types	6m	✓
Operators in Java	7m	✓

Coding Challenge:

The screenshot shows a C++ code editor with a file named "July1Prg.c". The code implements a selection sort algorithm to sort an array of strings lexicographically. The code is as follows:

```
10  fgets(str[i], sizeof(str[i]), stdin);
11  }
12
13  // storing strings in the lexicographical order
14  for (int i = 0; i < 5; ++i) {
15      for (int j = i + 1; j < 5; ++j) {
16
17          // swapping strings if they are not in the
18          if (strcmp(str[i], str[j]) > 0) {
19              strcpy(temp, str[i]);
20              strcpy(str[i], str[j]);
21              strcpy(str[j], temp);
22          }
23      }
24  }
25
26  printf("\nIn the lexicographical order: \n");
27  for (int i = 0; i < 5; ++i) {
28      fputs(str[i], stdout);
29  }
30  return 0;
```

The output of the program is shown in the terminal window:

```
Enter 5 words: apple
pineapple
mango
jackfruit
kiwi
In the lexicographical order:
apple
jackfruit
kiwi
mango
pineapple
Process returned 0 (0x0)   execution time : 57.084 s
Press any key to continue.
```

The bottom status bar shows the file path "F:\Engg\8sem\July1Prg.c", the language "C/C++", the window title "Windows (CR+LF)", the default editor, and the current line and column "Line 31, Col 2, Pos 756".