**DAILY ONLINE ACTIVITIES SUMMARY**

|  |  |  |  |  |  |  |  |  |
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| **Date:** | **22-06-2020** | | | | | **Name:** | **Deeksha D Poojary** | |
| **Sem & Sec** | **VIII Semester & A Section** | | | | | **USN:** | **4AL16CS026** | |
| **Online Test Summary** | | | | | | | | |
| **Subject** | | **SMS** | | | | | | |
| **Max. Marks** | | **-** | | **Score** | | | **-** | |
| **Certification Course Summary** | | | | | | | | |
| **Course** | **Introduction to Amazon Elastic Compute Cloud (EC2)** | | | | | | | |
| **Certificate Provider** | | | **Amazon Web Service** | | **Duration** | | | **10 minutes** |
| **Coding Challenges** | | | | | | | | |
| **Problem Statement: Write a program for first non repeated character** | | | | | | | | |
| **Status: COMPLETED** | | | | | | | | |
| **Uploaded the report in Github** | | | | | **YES** | | | |
| **If yes Repository name** | | | | | **deekshapoojari** | | | |
| **Uploaded the report in slack** | | | | | **YES** | | | |

Online Test Details:

NIL

Certification Course Coding Challenges Details:

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**Program1:**

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**#include <stdio.h>**

**#include <stdlib.h>**

**#define NO\_OF\_CHARS 256**

**int\* getCharCountArray(char\* str)**

**{**

**int\* count = (int\*)calloc(**

**sizeof(int), NO\_OF\_CHARS);**

**int i;**

**for (i = 0; \*(str + i); i++)**

**count[\*(str + i)]++;**

**return count;**

**}**

**int firstNonRepeating(char\* str)**

**{**

**int\* count = getCharCountArray(str);**

**int index = -1, i;**

**for (i = 0; \*(str + i); i++) {**

**if (count[\*(str + i)] == 1) {**

**index = i;**

**break;**

**}**

**}**

**free(count);**

**return index;**

**}**

**int main()**

**{**

**char str[] = "fgchfytrfuyguijp";**

**int index = firstNonRepeating(str);**

**if (index == -1)**

**printf("Either all characters are repeating or string is empty");**

**else**

**printf("First non-repeating character is %c", str[index]);**

**getchar();**

**return 0;**

**}**