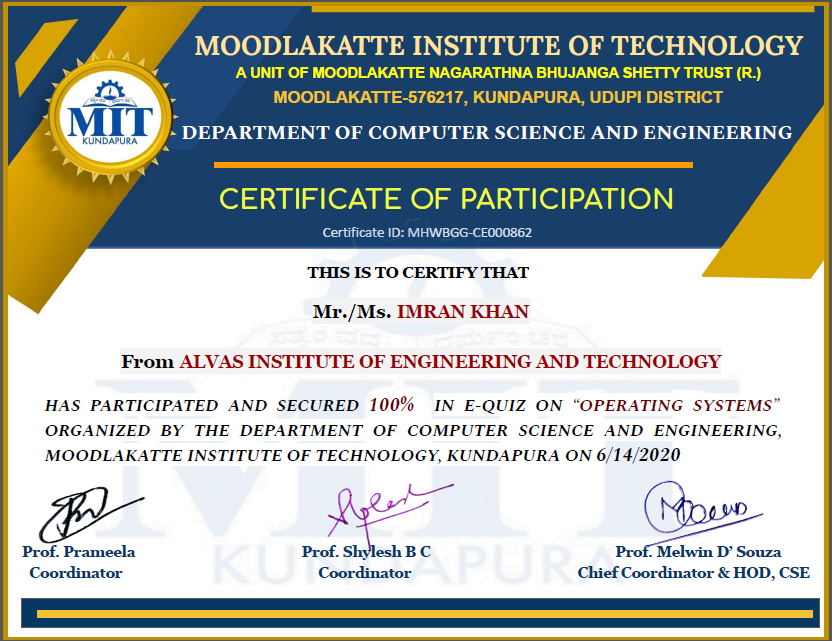
**DAILY ONLINE ACTIVITIES SUMMARY**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Date:** | **14/06/2020** | | | | **Name:** | **Imran Khan** | |
| **Sem & Sec** | **8th A** | | | | **USN:** | **4AL16CS040** | |
| **Online Test Summary** | | | | | | | |
| **Subject** | | **--** | | | | | |
| **Max. Marks** | | **--** | | **Score** | | **--** | |
| **Certification Course Summary** | | | | | | | |
| **Course** | **1)Amazon training**  **2)Operating system quiz** | | | | | | |
| **Certificate Provider** | | | **aws** | **Duration** | | | **100 minutes** |
| **Coding Challenges** | | | | | | | |
| Problem Statement:  Write a C Program to check first non repeating character. | | | | | | | |
| **Status: Solved** | | | | | | | |
| **Uploaded the report in Github** | | | | **yes** | | | |
| **If yes Repository name** | | | | **Imran040** | | | |
| **Uploaded the report in slack** | | | | **yes** | | | |

**Certification Course Details**:





**Coding Challenges Details**:

**program1:**

|  |
| --- |
| #include<stdlib.h> |
|  | #include<stdio.h> |
|  | #define NO\_OF\_CHARS 256 |
|  |  |
|  | int \*get\_char\_count(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 first\_non\_repeating\_character(char \*str) |
|  | { |
|  | int \*count = get\_char\_count(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[NO\_OF\_CHARS]; |
|  | printf("\nEnter the string : "); |
|  | scanf("%s",&str); |
|  | int index = first\_non\_repeating\_character(str); |
|  | if (index == -1) |
|  | printf("All the characters are repetitive"); |
|  | else |
|  | printf("First non-repeating character is %c", str[index]); |
|  | getchar(); |
|  | return 0; |
|  | } |