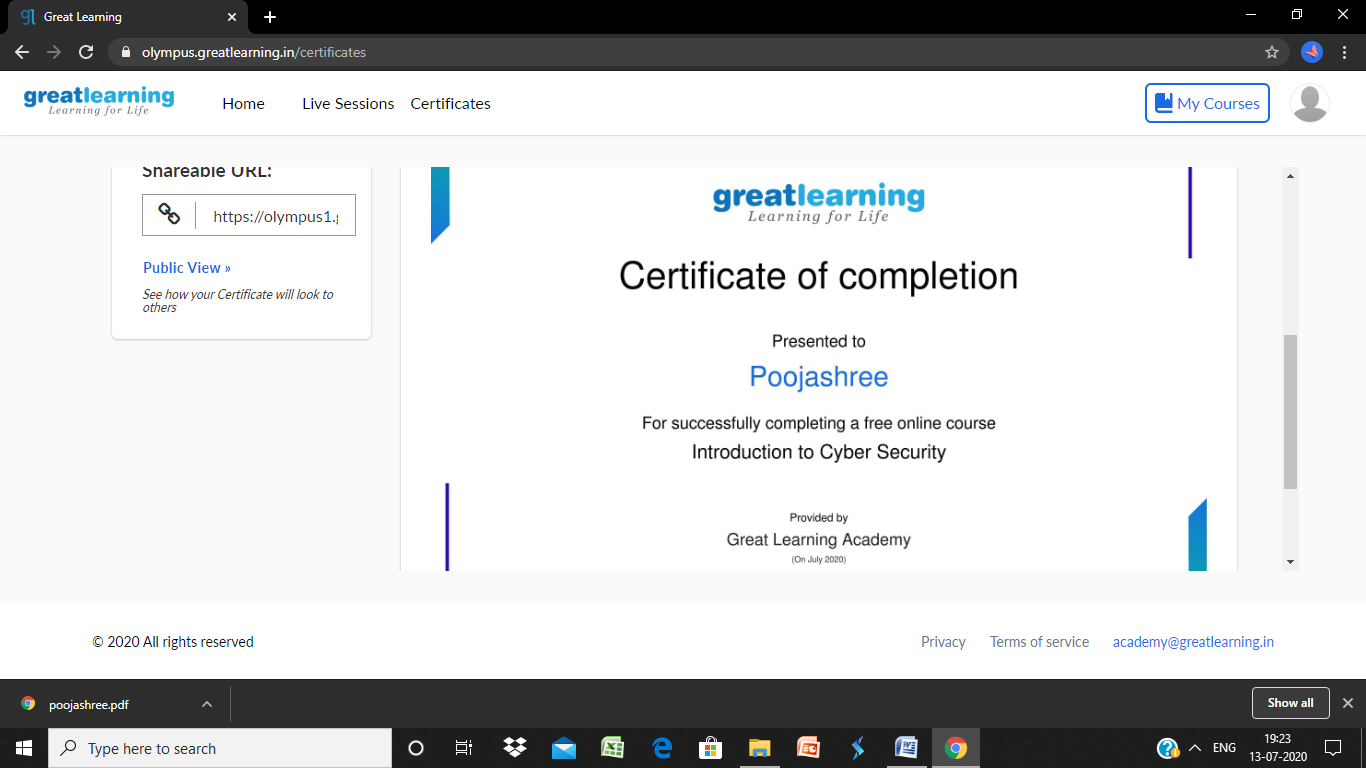
**DAILY ONLINE ACTIVITIES SUMMARY**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Date:** | **21-7-2020** | | | | | **Name:** | **poojashree** | |
| **Sem & Sec** | **8th sem A sec** | | | | | **USN:** | **4al16cs065** | |
| **Online Test Summary** | | | | | | | | |
| **Subject** | |  | | | | | | |
| **Max. Marks** | |  | | **Score** | | |  | |
| **Certification Course Summary** | | | | | | | | |
| **Course** | **Introduction to cyber security** | | | | | | | |
| **Certificate Provider** | | | **Great learning academy** | | **Duration** | | | **5.5hr** |
| **Coding Challenges** | | | | | | | | |
| **Problem Statement:** C program to store date in an integer variable | | | | | | | | |
| **Status:completed** | | | | | | | | |
| **Uploaded the report in Github** | | | | | **yes** | | | |
| **If yes Repository name** | | | | | **Poojashree** | | | |
| **Uploaded the report in slack** | | | | | **yes** | | | |

**Online test**

**----------no marks -----------**

**Certification course**

****

**Coding**

**Program 1**

|  |
| --- |
| #include <stdio.h> |
|  |  |
|  | int main() |
|  | { |
|  | int dd,mm,yy; |
|  | int date; |
|  |  |
|  | printf("Enter date (dd/mm/yy) format: "); |
|  | scanf("%d/%d/%d",&dd,&mm,&yy); |
|  |  |
|  | printf("\nEntered date is: %02d/%02d/%04d\n",dd,mm,yy); |
|  |  |
|  | /\*adding dd,mm,yy into date\*/ |
|  | /\*an integer has 4 bytes and dd range is 1 to 31 , mm range is 1 to 12 which |
|  | \*can be stored in 1 byte, 1 byte and in rest of 2 bytes |
|  | \*we can store year.\*/ |
|  |  |
|  | date=0; |
|  | date |= (dd&0xff); /\*dd storing in byte 0\*/ |
|  | date |= (mm&0xff)<<8; /\*mm storing in byte 1\*/ |
|  | date |= (yy&0xffff)<<16; /\*yy storing in byte 2 and 3\*/ |
|  |  |
|  | printf("Date in single variable: %d [Hex: %08X] \n",date,date); |
|  |  |
|  | /\*Extracting dd,mm,yy from date (an integer value)\*/ |
|  |  |
|  | dd = (date &0xff); /\*dd from byte 0\*/ |
|  | mm = ((date>>8)& 0xff); /\*mm from byte 1\*/ |
|  | yy = ((date>>16)&0xffff); /\*yy from byte 2 and 3\*/ |
|  |  |
|  | printf("Date after extracting: %02d/%02d/%04d\n",dd,mm,yy); |
|  |  |
|  | return 0; |
|  | } |