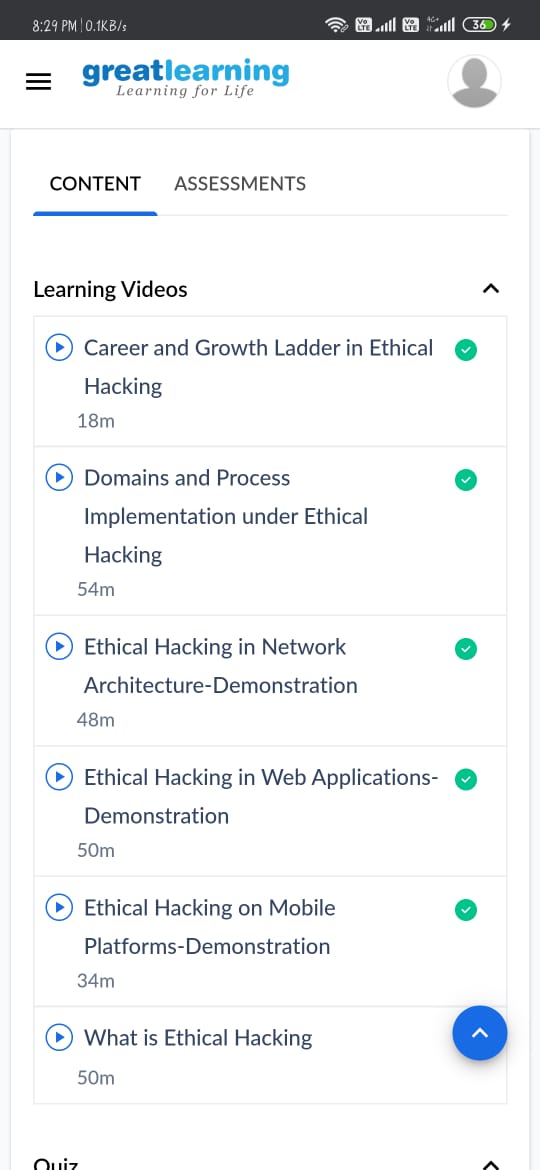
DAILY ONLINE ACTIVITIES SUMMARY

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Date:** | **25/05/2020** | | | | **Name:** | **AKASH KUMAR S** | |
| **Sem & Sec** | **8th A** | | | | **USN:** | **4AL16CS006** | |
| Online Test Summary | | | | | | | |
| **Subject** | | **---** | | | | | |
| **Max. Marks** | | **---** | | **Score** | | **---** | |
| Certification Course Summary | | | | | | | |
| **Course** | **Introduction to Ethical Hacking** | | | | | | |
| **Certificate Provider** | | | **Great learning**  **Academy** | **Duration** | | | **6hrs** |
| Coding Challenges | | | | | | | |
| **Problem Statement:** Given an array containing n distinct numbers taken from 0, 1, 2, ..., n, find the one that is missing from the array. | | | | | | | |
| **Status: COMPLETED** | | | | | | | |
| **Uploaded the report in Github** | | | | **YES** | | | |
| **If yes Repository name** | | | | **Akash\_Daily\_Progress** | | | |
| **Uploaded the report in slack** | | | | **YES** | | | |

Online Test Details: Nil

Certification Course Details:



Coding Challenges Details

Program1: Given an array containing n distinct numbers taken from 0, 1, 2, ..., n, find the one that is missing from the array.

Example 1:

Input: [3,0,1] Output: 2 Example 2:

Input: [9,6,4,2,3,5,7,0,1] Output: 8

array = list(map(int, input("Enter array : ").split()))

print("Missing Number :", sum(list(range(max(array)+1))) - sum(array))

Output

Enter array : 9 6 4 2 3 5 7 0 1

Missing Number : 8