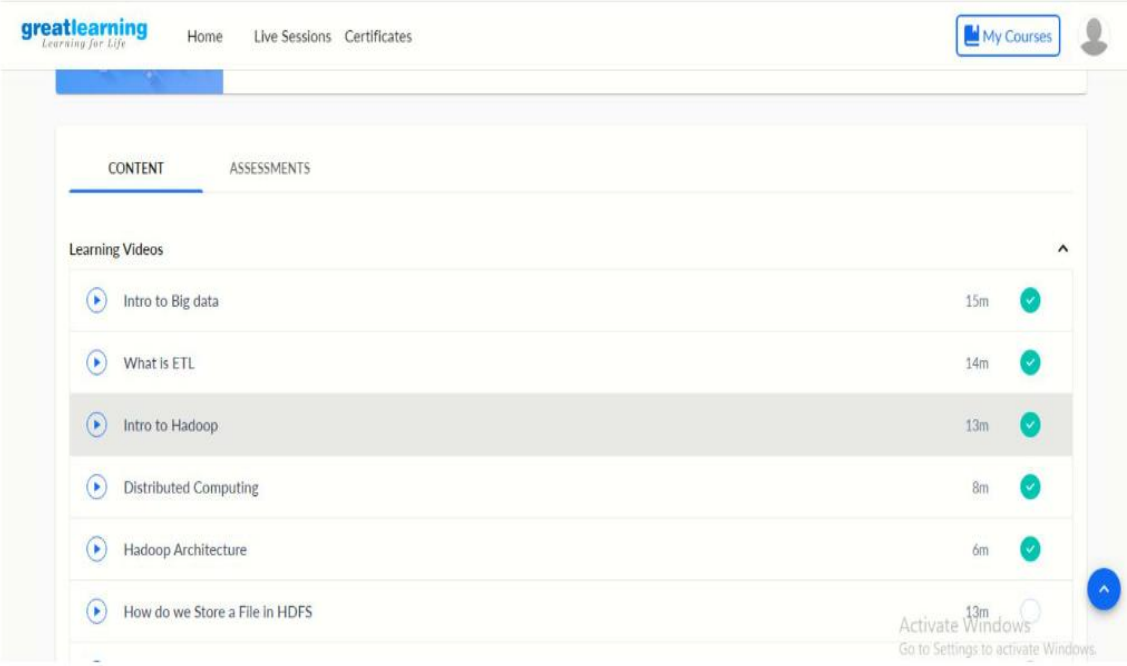
DAILY ONLINE ACTIVITIES SUMMARY

Date:	**07/06/2020**	**Name:**	**Sumana Rehman**
Sem & Sec	**8th Sem B**	**USN:**	**4AL16CS107**
Online Test Summary			
Subject	--		
Max. Marks	--	**Score**	--
Certification Course Summary			
Course	**Introduction to Hadoop**		
Certificate Provider	**greatlearning.in**	**Duration**	**4 hrs**
Coding Challenges			
Problem Statement: Write a program in C to rotate an array by N positions.			
Status: Completed			
Uploaded the report in Github	**Yes**		
If yes Repository name	**Alvas-education-foundation/Sumana**		
Uploaded the report in slack	**yes**		

Certification Course Details:



Coding Challenges:

```
#include <stdio.h>
void shiftArr1Pos(int *arr1, int arrSize)
{
    int i, temp;
      temp = arr1[0];
    for(i = 0; i < arrSize-1; i++)
         {
        arr1[i] = arr1[i+1];
    }
    arr1[i] = temp;
}
void arr1Rotate(int *arr1, int arrSize, int rotFrom)
{
    int i;
    for(i = 0; i < rotFrom; i++)
         {
        shiftArr1Pos(arr1, arrSize);
    }
    return;
}
int main()
{
    int arr1[] = {0,3,6,9,12,14,18,20,22,25,27};
```

```
        int ctr = sizeof(arr1)/sizeof(arr1[0]);
    int i;
//---------- print original array ----------------------
        printf("The given array is :  ");
        for(i = 0; i < ctr; i++)
        {
        printf("%d  ", arr1[i]);
    }
    printf("\n");
//---------- print the values from 4th position ----------------------
        printf("From 4th position the values of the array are :  ");
        for(i = 4; i < ctr; i++)
        {
        printf("%d  ", arr1[i]);
    }
    printf("\n");
//---------- print the values before 4th position ----------------------
        printf("Before 4th position the values of the array are :  ");
        for(i = 0; i < 4; i++)
        {
        printf("%d  ", arr1[i]);
    }
    printf("\n");
//------------ after rotating the array --------------------
    arr1Rotate(arr1, ctr, 4);
     printf("\nAfter rotating from 4th position the array is: \n");
    for(i = 0; i<ctr; i++)
        {
       printf("%d ", arr1[i]);
    }
    return 0;

}
```