DAILY ONLINE ACTIVITIES SUMMARY

Date:	**26-06-2020**	**Name:**	**Deepika K V**
Sem & Sec	**8th sem 'A' sec**	**USN:**	**4AL16CS030**

Online Test Summary

Subject	-		
Max. Marks	-	**Score**	-

Certification Course Summary

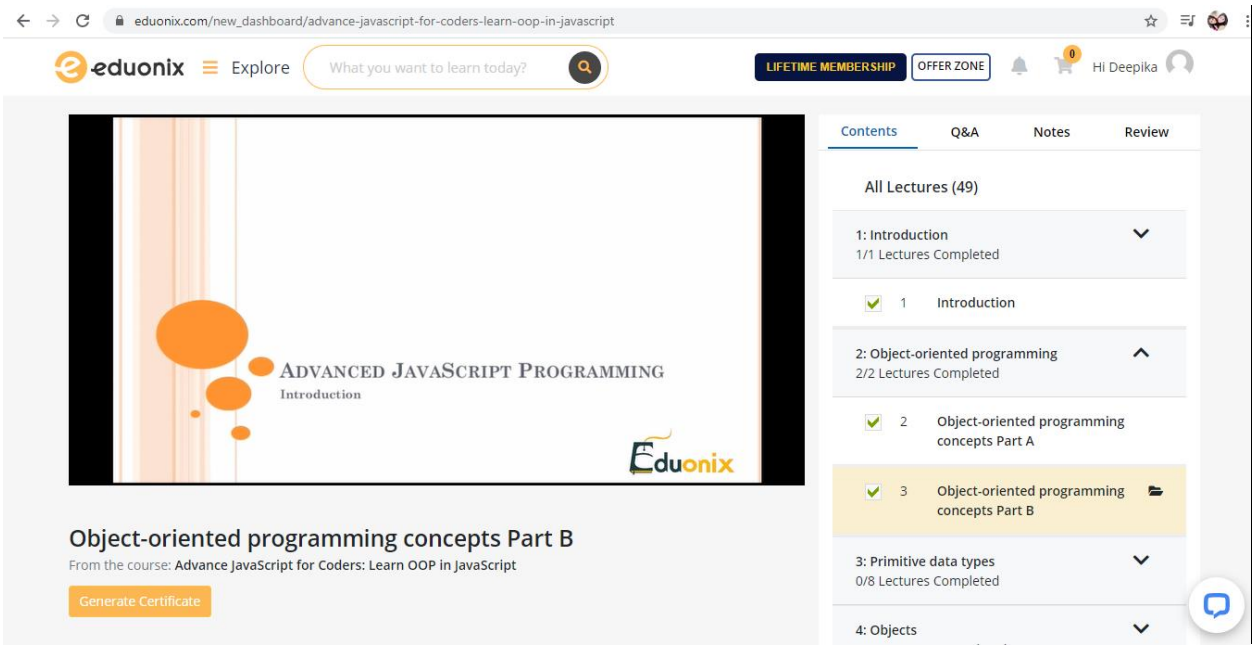
Course	Advance JavaScript for Coders: Learn OOP in JavaScript.		
Certificate Provider	**eduonix**	**Duration**	**11.5 hrs**

Coding Challenges

Problem Statement: Write a C program to find the absolute sum of elements.	
Status: SUBMITTED	
Uploaded the report in Github	**YES**
If yes Repository name	**Codes**
Uploaded the report in slack	**YES**

Online test details:

Certification Course Details:



Coding Challenge:

```
#include<stdio.h>
                    #include<stdlib.h>
                    int min(int a, int b)
                    {
                        if(a>b)
                            return b;
                        else
                            return a;
                    }


                    // Function to find absolute sum
                    int abs_sum(int arr[], int n)
                    {


                        int sum = 0;
```

```
    sum += abs(arr[0] - arr[1]);
    sum += abs(arr[n-1] - arr[n-2]);


    for (int i=1; i<n-1; i++)
        sum += min(abs(arr[i] - arr[i-1]), abs(arr[i] - arr[i+1]));  //
Total sum of absolute difference


    return sum;
}


// Function to sort the elements


void sort(int a[], int n)
{
    for(int i = 0; i < n-1; i++)
    {
        for(int j = 0; j < n-i-1; j++)
        {
            if (a[j] > a[j+1])
            {
                int temp = a[j];
                a[j] = a[j+1];
                a[j+1] = temp;
            }}}}


int main()
{
    int a[20], n, i;
    printf("Enter the number of elements: ");
    scanf("%d", &n);
    printf("Enter the elements: ");
    for(i=0; i<n; i++)
    {
        scanf("%d", &a[i]);
    }
    sort(a, n);
```

```
    printf("The minimum sum of absolute is %d",abs_sum(a, n));
    return 0;
}
```