DAILY ONLINE ACTIVITIES SUMMARY

Date:	02-07-2020	**Name:**	**Deepika K V**
Sem & Sec	**8th sem 'A' sec**	**USN:**	**4AL16CS030**

Online Test Summary

Subject	**SMS**		
Max. Marks	**30**	**Score**	-

Certification Course Summary

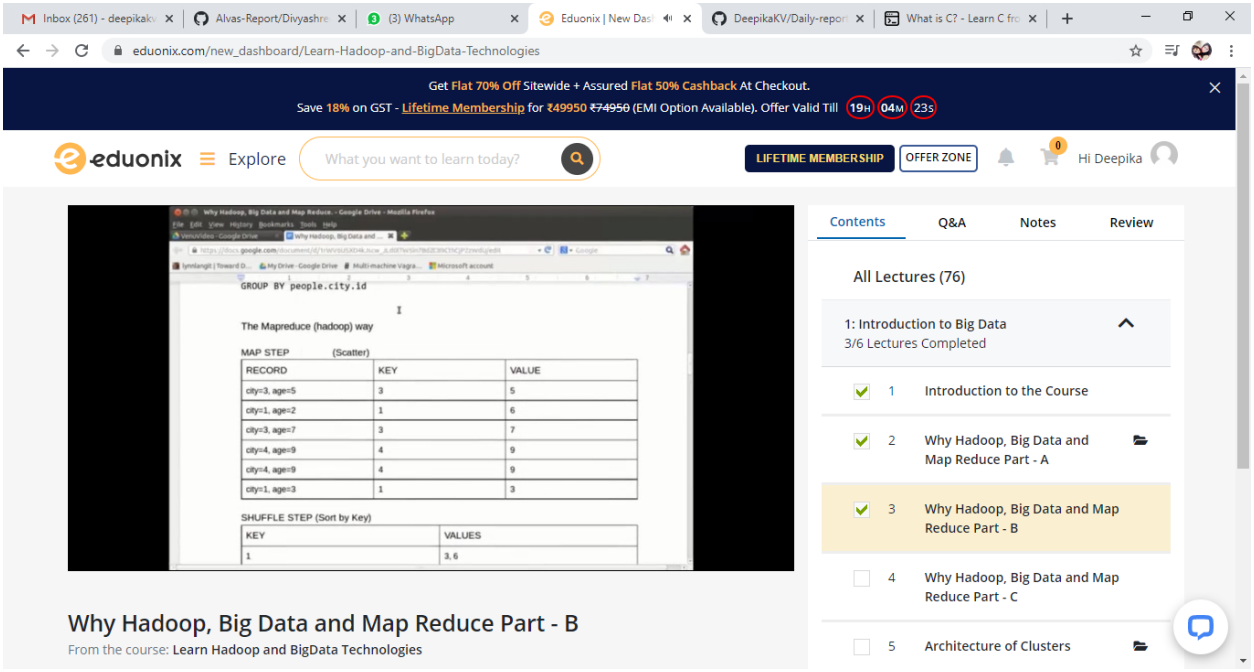
Course	Learn Hadoop and big data technologies.		
Certificate Provider	**eduonix**	**Duration**	**15 hrs**

Coding Challenges

Problem Statement: Write a C program to count the number of positive and negative numbers in a array.	
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>


            int countPositiveNumbers(int* arr, int n)
            {
                int pos_count = 0;
                int i;
                for (i = 0; i < n; i++) {
                    if (arr[i] > 0)
                        pos_count++;
                }
                return pos_count;
            }


            int countNegativeNumbers(int* arr, int n)
```

```
{
    int neg_count = 0;
    int i;
    for (i = 0; i < n; i++) {
        if (arr[i] < 0)
            neg_count++;
    }
    return neg_count;
}


void printArray(int* arr, int n)
{
    int i;


    printf("Array: ");
    for (i = 0; i < n; i++) {
        printf("%d ", arr[i]);
    }
    printf("\n");
}


int main()
{
    int arr[] = { 2, -1, 5, 6, 0, -3 };
    int n;
    n = sizeof(arr) / sizeof(arr[0]);


    printArray(arr, n);


    printf("Count of Positive elements = %d\n",
           countPositiveNumbers(arr, n));
    printf("Count of Negative elements = %d\n",
           countNegativeNumbers(arr, n));


    return 0;
}
```