

DAILY ONLINE ACTIVITIES SUMMARY

Date:	02-07-2020	Name:	Deepika K V
Sem & Sec	8 th 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:

The screenshot shows the Eduonix website interface. At the top, there's a navigation bar with the Eduonix logo, a search bar, and links for 'LIFETIME MEMBERSHIP' and 'OFFER ZONE'. Below the navigation bar, there's a banner for a 70% off sitewide promotion. The main content area features a video player showing a lecture titled 'Why Hadoop, Big Data and Map Reduce Part - B'. The video content includes a table illustrating the MapReduce (Hadoop) way of processing data, showing a 'MAP STEP (Scatter)' and a 'SHUFFLE STEP (Sort by Key)'. The 'MAP STEP' table has columns for 'RECORD', 'KEY', and 'VALUE'. The 'SHUFFLE STEP' table has columns for 'KEY' and 'VALUES'. To the right of the video player, there's a sidebar with a 'Contents' tab, showing a list of lectures. The first lecture is '1: Introduction to Big Data' (3/6 lectures completed). The second lecture is '2: Why Hadoop, Big Data and Map Reduce Part - A'. The third lecture is '3: Why Hadoop, Big Data and Map Reduce Part - B', which is currently selected. The fourth lecture is '4: Why Hadoop, Big Data and Map Reduce Part - C'. The fifth lecture is '5: Architecture of Clusters'.

RECORD	KEY	VALUE
city=3, age=5	3	5
city=1, age=2	1	6
city=3, age=7	3	7
city=4, age=9	4	9
city=4, age=9	4	9
city=1, age=3	1	3

KEY	VALUES
1	3, 6

Why Hadoop, Big Data and Map Reduce Part - B
From the course: Learn Hadoop and BigData Technologies

Contents Q&A Notes Review

All Lectures (76)

1: Introduction to Big Data
3/6 Lectures Completed

- ☒ 1 Introduction to the Course
- ☒ 2 Why Hadoop, Big Data and Map Reduce Part - A
- ☒ 3 Why Hadoop, Big Data and Map Reduce Part - B
- ☐ 4 Why Hadoop, Big Data and Map Reduce Part - C
- ☐ 5 Architecture of Clusters

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;
}

```