

DAILY ONLINE ACTIVITIES SUMMARY

Date:	01-07-2020	Name:	Deepika K V
Sem & Sec	8 th sem 'A' sec	USN:	4AL16CS030
Online Test Summary			
Subject	-		
Max. Marks	-	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 sort string in lexicographical order.			
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 on the left showing a lecture titled 'Why Hadoop, Big Data and Map Reduce Part - B'. The video content includes a table titled 'The Mapreduce (hadoop) way' with columns 'RECORD', 'KEY', and 'VALUE'. The table lists data points for 'city' and 'age' grouped by 'people.city.id'. To the right of the video player, there's a sidebar with a 'Contents' tab, showing a list of lectures. The first lecture is 'Introduction to Big Data' (3/6 lectures completed). The second lecture is 'Why Hadoop, Big Data and Map Reduce Part - A'. The third lecture, 'Why Hadoop, Big Data and Map Reduce Part - B', is currently selected and highlighted in yellow. The fourth lecture is 'Why Hadoop, Big Data and Map Reduce Part - C', and the fifth is '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

SHUFFLE STEP (Sort by Key)

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>

#include <string.h>

int main() {
    char str[5][50], temp[50];
    printf("Enter 5 words: ");

    // Getting strings input
    for (int i = 0; i < 5; ++i) {
        fgets(str[i], sizeof(str[i]), stdin);
    }
}
```

```

// storing strings in the lexicographical order
for (int i = 0; i < 5; ++i) {
    for (int j = i + 1; j < 5; ++j) {

        // swapping strings if they are not in the lexicographical order
        if (strcmp(str[i], str[j]) > 0) {
            strcpy(temp, str[i]);
            strcpy(str[i], str[j]);
            strcpy(str[j], temp);
        }
    }
}

printf("\nIn the lexicographical order: \n");
for (int i = 0; i < 5; ++i) {
    fputs(str[i], stdout);
}
return 0;
}

```