

DAILY ONLINE ACTIVITIES SUMMARY

| | | | |
|--|-----------------------------|------------|------------|
| Date: | 27/05/2020 | Name: | Prathiksha |
| Sem & Sec | 8 th sem & B sec | USN: | 4AL16CS070 |
| Online Test Summary | | | |
| Subject | Internet of things(IOT) | | |
| Max. Marks | 30 | Score | 28 |
| Certification Course Summary | | | |
| Course | Introduction To Hadoop | | |
| Certificate Provider | Great Learning Academy | Duration | 3.5hrs |
| Coding Challenges | | | |
| Problem Statement: Write a C program to print all permutations of a given string using pointers. | | | |
| Status: Solved | | | |
| Uploaded the report in Github | | Yes | |
| If yes Repository name | | Prathiksha | |
| Uploaded the report in slack | | Yes | |

Online Test Details:

lot 2 - prathiksha1698@gmail.com x Largest Tech Community | Hacka x +

techgig.com/challenge/result/mcq/MVhkaUJ3cHZSL00xcXB0dE1oWmVhUT09

prathiksha1698@gmail.com Logout

Test Completed!

You have successfully participated in IoT IA2.

Rate this Test

Your Rating: ★★★★★ Click to Rate

Results Analytics

MCQ

Your Score **28** / 30

Activate Windows
Go to Settings to activate Windows.

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Test portion Inter net of things.

Certification Course Details:

alvas-education-foundation/Prati x | alvas-education-foundation/fin x | g Intro To Oozie and HDFS Pro x +

olympus.greatlearning.in/courses/12378/pages/intro-to-oozie-and-hdfs-processing?module_item_id=525955

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My Courses

Intro To Oozie and HDFS Processing

Content

- Intro to Big data ✓
- What is ETL ✓
- Intro to Hadoop ✓
- Distributed Computing ✓
- Hadoop Architecture ✓
- How do we Store a File in HDFS ✓
- Intro To Oozie and HDFS Processing ✓
- Hadoop Cluster Hands on ○
- Hadoop Ecosystem
- Map Reduce

The diagram illustrates the Hadoop ecosystem. It shows a central 'Hadoop' box with 'ETL' (Extract, Transform, Load) and 'Distributed PS' (Distributed Processing) components. Data flows from 'Format' (Text File, JSON, XML, MySQL, Compressing Oracle) into the ETL process. The ETL process then interacts with 'HDFS' (Hadoop Distributed File System) for storage. The HDFS is further divided into 'NameNode' and 'DataNode' components. The DataNode is shown as a cluster of nodes (DN-1 to DN-6) connected to a 'Storage' unit. The diagram also includes 'G2MS' and 'Blending' components. The entire system is labeled 'Cloudera' and 'Block size = 64MB'.

How would you rate this video ★★★★★

15:34 27-05-2020

Topic : About Big data and Hadoop.

Coding Challenges Details:

Program 1:

```
#include <stdio.h>
#include <string.h>
void swap (char *x, char *y)
{
    char temp;
    temp = *x;
    *x = *y;
    *y = temp;
}
void permute(char *a, int i, int n)
{
    int j;
    if (i == n)
        printf("%s\n", a);
    else {
        for (j = i; j <= n; j++)
        {
            swap((a + i), (a + j));
            permute(a, i + 1, n);
            swap((a + i), (a + j));
        }
    }
}
int main()
{
    char a[20];
    int n;
    printf("Enter a string: ");
    scanf("%s", a);
    n = strlen(a);
    printf("Permutaions:\n");
    permute(a, 0, n - 1);
    getchar() ;
    return 0;
}
```