



BIG DATA
DEVELOPMENT

ACADGILD

Session 2: Hadoop Framework Description

Assignment 1

Assignment 1 – Try the given quiz questions and provide the answers in a word document.

Table of Contents

1. Introduction	3
2. Objective	3
3. Prerequisites:	3
4. Associated Data Files	3
5. Problem Statement:.....	3
6. Expected Output	5
7. Approximate Time to Complete Task	5

1. Introduction

In this assignment you need to select one right choice for the questions given on the topics discussed in the second session.

2. Objective

This assignment will help you to consolidate the concepts learnt in the session 2.

3. Prerequisites:

None

4. Associated Data Files

None

5. Problem Statement:

1. Concept used in Hadoop is:

- a. Divide and conquer Right answer
- b. Map and Reduce
- c. On demand data
- d. None of these

2. Hadoop divides data into:

- a. Blocks
- b. Parts
- c. Chunks Right Answer
- d. All the above

3. Each node results are stored in:

- a. HDFS Right answer
- b. Local disk
- c. Cloud storage
- d. None of these

4. Which of these can be related to Hadoop 1.x?

- a. Job Tracker, Task Tracker, Namenode & Datanode Right Answer
- b. Job process, Task process, Name cluster
- c. Data cluster, Task cluster, Name node
- d. Job process, Task process, Name node & Data node

12. Who is the Master in Hadoop?

Right answer

- a. Namenode b. Datanode c. Every node d. All the above

5. Who are the job trackers in Hadoop?

- a. Slaves
- b. Masters Right answer
- c. Both of these
- d. None of these

6. Which node stores the metadata?

- a. NameNode Right answer
- b. Check point Node
- c. Secondary NameNode
- d. Backup Node

7. Which is not a valid Daemon in Hadoop?

- a. NameNode
- b. Secondary NameNode
- c. Checkpoint Node Right answer
- d. DataNode

8. By default, memory size of Data nodes is limited to?

- a. 32MB Right answer
- b. 64MB
- c. 128MB
- d. b & c

9. Slave layer in Hadoop Architecture contains:

- a. Name Node & Resource Manger
- b. Data nodes & Node Manager Right answer
- c. Name Node & Node Manager
- d. Data nodes & Resource Manager

10. Data is replicated among:

- a. Name nodes
- b. Data nodes Right answer
- c. Both of these
- d. None of these

6. Expected Output

None.

7. Approximate Time to Complete Task

15 mins