



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
- b. Map and Reduce
- c. On demand data
- d. None of these

2. Hadoop divides data into:

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

3. Each node results are stored in:

- a. HDFS
- 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
- 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?

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

5. Who are the job trackers in Hadoop?

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

6. Which node stores the metadata?

- a. NameNode
- 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
- d. DataNode

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

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

9. Slave layer in Hadoop Architecture contains:

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

10. Data is replicated among:

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

6. Expected Output

None.

7. Approximate Time to Complete Task

15 mins