# Session 2: Hadoop Framework Description

## Assignment 1

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

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## 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  **Answer:  b**

c. On demand data

d. None of these

## 2. Hadoop divides data into:

a. Blocks

b. Parts

c. Chunks  **Answer:  c**

d. All the above

## 3. Each node results are stored in:

a. HDFS  **Answer:  a**

 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 **Answer: a**

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 **Answer: a**

b. Masters

c. Both of these

d. None of these

## 6. Which node stores the metadata?

a. NameNode **Answer: a**

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 **Answer: c**

d. DataNode

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

a. 32MB

b. 64MB

c. 128MB

d. b & c **Answer: d**

## 9. Slave layer in Hadoop Architecture contains:

a. Name Node & Resource Manger

b. Data nodes & Node Manager    *Answer:  b*

c. Name Node & Node Manager

d. Data nodes & Resource Manager

## 10. Data is replicated among:

a. Name nodes

b. Data nodes    *Answer:  b*

c. Both of these

d. None of these

## 6. Expected Output

None.

## 7. Approximate Time to Complete Task

15 mins