MSc CA SEM 3
905: Big Data and Hadoop

Assignment:1

1. Explain Hadoop Architecture.
2. Write and explain in details the steps for installing Hadoop.

Assignment:2

1. Discuss in detail Hadoop Ecosystem components
2. Write a note on MongoDB. Explain its CRUD operation.

Assignment:3

1. Discuss Mapper and Reducer Function.
2. Write a note on Hive Architecture and give the comparison with traditional RDBMS.

Assignment:4

1. Discuss data Loading and Manipulation in Hive.
2. Discuss Hive Optimization Techniques.

Note:-
➢ **Assignment 1 and 2 questions must be written in one Assignment bookand Assignment 3 and 4 questions must be written in anotherAssignmentbook. (Attachextrapages ifneeded)**
➢ **Late<u>Assignmentsubmissionwillnotbeaccepted.</u>**
➢ **DateofSubmissionwillbedeclaredlater.**

-Prof. Akansha Srivastav