Module 5:

1. Explain primitive data types and collection data types along with their syntax.Identify and explain the key components of a Hive binary distribution.
2. Explain databases in hive.
3. Explain different ways of CREATE command.
4. Explain alrer database command with an illustration.
5. Differentiate portioned tables and external tables.
6. Describe External partitioned tables with an example (queries).
7. Explain alter table query with an illustration.
8. Explain how text file encoding for data values is implemented in Hive with an illustration.
9. "The traditional database acts as a gatekeeper, while Hive does not." Justify
10. Develop a code to create a database in hive and explain the outcome if database already exist.
11. Illustrate LOCATION clause implementation while creating a database in hive.
12. Create a code for dropping a database in hive and explain the outcome if the database contains tables.
13. Develop the command to set a specific database as your working database in Hive?
14. Write a code to create a new table with the same schema as an existing table without copying the data?
15. Describe a partitioned managed table with an example.
16. Create a command to view detailed information about a table.
17. Comapre and contrast managed table and external table with an example.
18. Discuss data manipulation in hive database.
19. Show how to Create Tables and Loading Them in One Query.
20. Explain different select clause queries with an example for each.
21. How following can be implement in hive:
    a) Mathematical function
    b) Arithmetic operators
    c) Aggregate functions
    d) Table generating functions
    e) Build in functions
    f) Limit clause
    g) Nested select statements.
    h) Case when then
    i) Predicate operators
    j) Where clause
    k) Like and Rlike
    l) Group by clause
22. Discuss the various uses of the ALTER command in Hive, along with an illustration. Develop a command to Insert Data into Tables from Queries.
23. Describe the SELECT command in Hive with an example for student database. Provide a command for executing a dynamic partition insert query.