EXP NO: 5

Installation Of Hive

Environment Setting for Hive :

Configure Hive (hive-env.sh, hive-site.xml) :

```
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```

Connecting Hive to SQL Database with JDBC:

!connect jdbc:mysql://localhost:3306/<database> <username> <password>

```
0: jdbc:mysql://localhost:3306/hive> TREATE TABLE finance_table(id integer, name varchar(25));
No rows affected (0.592 seconds)
0: jdbc:mysql://localhost:3306/hive> INSERT INTO finance_tableVALUES (1, 'Alice'), (2, 'Bob'), (3, 'Charlie');
Error: You have an error in your SQL syntax: check the manual that corresponds to your MySQL server version for the right syntax to use near '1, 'Alice'), (2, 'Bob'), (3, 'Charlie')' at line 1 (state=42000,code=1064)
0: jdbc:mysql://localhost:3306/hive> INSERT INTO finance_tableVALUES (1, 'Alice'), (2, 'Bob'), (3, 'Charlie');
Error: You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '1, 'Alice')' at line 1 (st ate=42000,code=1064)
0: jdbc:mysql://localhost:3306/hive> INSERT INTO finance_table VALUES (1, 'Alice'), (2, 'Bob'), (3, 'Charlie');
3 rows affected (0.547 seconds)
0: jdbc:mysql://localhost:3306/hive> CREATE VIEW myview AS SELECT name, id FROM finance_table;
0: jdbc:mysql://localhost:3306/hive> SELECT*FROM myview;

| name | id |
| Alice | 1 |
| Bob | 2 |
| Charlie | 3 |
| orws selected (0.012 seconds)
0: jdbc:mysql://localhost:3306/hive> DESCRIBE finance_table;
| Field | Type | Nutl | Key | Default | Extra |
| id | int | YES | NULL | |
| name | varchar(25) | YES | NULL |
```

Result:

Thus Hive is successfully installed and connected with SQL database.