1. CREATE DATABASE IF NOT EXISTS lab9 COMMENT 'employee program' WITH DBPROPERTIES ('creator'='ZOYA');

SHOW DATABASES;

DESCRIBE DATABASE Lab9;

USE lab9;

CREATE EXTERNAL TABLE IF NOT EXISTS Employee(EmpID INT,EmpName STRING,Designation STRING,Salary FLOAT) ROW FORMAT DELIMITED FIELD

TERMINATED BY '\t';

2. LOAD DATA LOCAL INPATH '/home/prajwal/Desktop/employeeInput.txt' OVERWRITE INTO TABLE Employee;

SELECT * FROM Employee;

3. CREATE VIEW emp_30000 AS SELECT * FROM Employee WHERE Salary>30000;

SELECT * FROM emp_30000;

4. ALTER TABLE Employee ADD COLUMNS(DeptID INT);

LOAD DATA LOCAL INPATH '/home/prajwal/Desktop/employeeInputAltered.txt' OVERWRITE INTO TABLE Employee;

SELECT * FROM Employee;

SELECT * FROM Employee ORDER BY DeptID;

5. SELECT DeptID,count(*) FROM Employee WHERE Salary>=30000 GROUP BY DeptID;

6. CREATE EXTERNAL TABLE IF NOT EXISTS Department(DeptId INT,DeptName STRING) ROW FORMAT DELIMITED FIELDS TERMINATED BY '\t';

LOAD DATA LOCAL INPATH '/home/prajwal/Desktop/DepartmentInput.txt' OVERWRITE INTO TABLE Department;

SELECT * FROM Department;

7. SELECT a.EmpID,a.EmpName,a.Designation,a.Salary,b.DeptName FROM Employee a JOIN Department b ON a.DeptID=b.DeptId;