Experiment 1

Consider the following schema for Store Database.

Employee (empno, name, sal)

Store (Store\_id, Store\_name, Store\_ loc)

Write SQL queries to

1. Create tables Employee and Store.
2. Display structure of tables Employee and Store.
3. Insert values into tables Employee and Store.
4. Display the contents of the tables Employee and Store.
5. Display the columns from table Employee and Store.
6. Demonstrate the WHERE clause using tables Employee and Store.
7. Demonstrate the DELETE operation on tables Employee and Store.
8. Demonstrate the ORDER BY clause using table Store.
9. Demonstrate the DROP operation on tables Employee and Store.

Query

1. SQL> CREATE TABLE Employee (empno int, name varchar2(10), sal number(10,2));

SQL> CREATE TABLE Store (Store\_id int, Store\_name varchar(10), Store\_loc varchar(10));

1. SQL> DESC Employee;

SQL> DESC Store;

1. SQL> INSERT INTO Employee VALUES(001,'RAM',21654);

SQL> INSERT INTO Employee VALUES(002,'JOE',15642);

SQL> INSERT INTO Employee VALUES(003,'KAREEM',1644);

SQL> INSERT INTO Store VALUES (7704, 'Manna Mart', 'Delhi');

SQL> INSERT INTO Store VALUES (1174, 'Lulu', 'Chennai');

SQL> INSERT INTO Store VALUES (5487, 'Neel', 'Bombay');

SQL> INSERT INTO Store VALUES (9546, 'D-Mart', 'Banglore');

1. SQL> SELECT \* FROM Employee;

SQL> SELECT \* FROM Store;

1. SQL> SELECT name FROM Employee;

SQL> SELECT sal FROM Employee;

SQL> SELECT empno FROM Employee;

SQL> SELECT Store\_id FROM Store;

SQL> SELECT Store\_name FROM Store;

SQL> SELECT Store\_loc FROM Store;

1. SQL> SELECT name FROM Employee WHERE empno=002;

SQL> SELECT sal FROM Employee WHERE empno=003;

SQL> SELECT Store\_loc FROM Store WHERE Store\_id=7704;

SQL> SELECT Store\_loc FROM Store WHERE Store\_id=5487;

1. SQL> DELETE Employee WHERE Name='RAM';

SQL> DELETE Store WHERE Store\_loc = 'Bombay';

1. SQL> SELECT Store\_loc from Store ORDER BY Store\_name;

SQL> SELECT Store\_name from Store ORDER BY Store\_loc;

SQL> SELECT Store\_name from Store ORDER BY Store\_loc ASC;

1. SQL> DROP TABLE Store;

SQL> DROP TABLE employee;