Ex. No: 1 SQL BASIC COMMANDS

**Date:**

**AIM:**

To write SQL queries to execute basic SQL commands.

**QUERIES:**

**1. Create table**

**Query:**

CREATE TABLE employee

(

empid NUMBER,

empname VARCHAR2(255),

age NUMBER,

gender VARCHAR2(2),

salary NUMBER,

designation VARCHAR2(20)

);

**Output:**

*Table created.*

**2. Insert values**

**Query:**

INSERT INTO employee VALUES(1000,'Tanmay',21,’M’, 50000,'Manager');

INSERT INTO employee VALUES(1001,'Ann',25,’F’,25000,'Programmer');

**Output:**

*2 rows inserted*

**3. Display values**

**Query:**

SELECT \* FROM employee;

**Output:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **EMPNO** | **EMPNAME** | **DOB** | **SALARY** | **DESIGNATION** |
| 100 | John | 04/21/1994 | 50000 | Manager |
| 101 | Greg | 06/20/1994 | 25000 | Clerk |

**Query:**

SELECT empname,salary FROM employee;

**Output:**

|  |  |
| --- | --- |
| **EMPNAME** | **SALARY** |
| John | 50000 |
| Greg | 25000 |

**4. Modify values**

**Query:**

UPDATE employee SET salary = salary + 1000;

**Output:**

*2 row(s) updated.*

**Query:**

SELECT \* FROM employee;

**Output:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **EMPNO** | **EMPNAME** | **DOB** | **SALARY** | **DESIGNATION** |
| 100 | John | 04/21/1994 | 51000 | Manager |
| 101 | Greg | 06/20/1994 | 26000 | Clerk |

**5. Delete values**

**Query:**

DELETE FROM employee WHERE empid = 1001;

**Output:**

*1 row(s) deleted.*

**Query:**

SELECT \* FROM employee;

**Output:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **EMPNO** | **EMPNAME** | **DOB** | **SALARY** | **DESIGNATION** |
| 101 | Greg | 06/20/1994 | 26000 | Clerk |

**RESULT:**

Thus the basic SQL queries were successfully executed and verified.