

## DDL Commands

**Aim:** To familiarise the DDL Commands

### Procedure

1. Write a query to create a table **EMPLOYEE** with **emp\_id**, **emp\_name**, **emp\_desig** and **emp\_salary**

```
SQL> CREATE TABLE EMPLOYEE (emp_id number(2), emp_name varchar2(20),  
emp_desig varchar2(20), emp_salary number(4,2));
```

2. Write a query to display the column name and its Datatype of table **EMPLOYEE**

```
SQL> DESC EMPLOYEE;
```

3. Write a query for create a table from an existing table with all the fields

```
SQL> CREATE TABLE EMPLOYEE1 AS SELECT * FROM EMPLOYEE;
```

```
SQL> DESC EMPLOYEE1;
```

4. Write a query for create a table from an existing table with selected fields

```
SQL> CREATE TABLE EMPLOYEE2 AS SELECT emp_id, emp_name, FROM  
EMPLOYEE;
```

```
SQL> DESC EMPLOYEE2;
```

5. Write a query to alter the column **emp\_id number(2)** to **emp\_id number(4)**

```
SQL> ALTER TABLE EMPLOYEE MODIFY emp_id number(4);
```

```
SQL> DESC EMPLOYEE;
```

6. Write a query to alter table **EMPLOYEE** with multiple columns **emp\_id number(4)**, **emp\_name varchar2(30)**

```
SQL> ALTER TABLE EMPLOYEE MODIFY (emp_id number(4), emp_name  
varchar2(30));
```

```
SQL> DESC EMPLOYEE;
```

7. Write a query to add new column **emp\_qualif** to the table **EMPLOYEE**

```
SQL>ALTER TABLE EMPLOYEE ADD emp_qualif varchar2(8);
```

```
SQL>DESC EMPLOYEE;
```

8. Write a query to add multiple columns **emp\_DOB**, **emp\_DOJ** into **EMPLOYEE**

```
SQL> ALTER TABLE EMPLOYEE ADD (emp_DOB date, emp_DOJ date);
```

```
SQL>DESC EMPLOYEE;
```

9. Write a query to drop a column **emp\_qualif** from an existing table **EMPLOYEE**

```
SQL> ALTER TABLE EMPLOYEE DROP COLUMN emp_qualif;
```

```
SQL>DESC EMPLOYEE;
```

10. Write a query to drop a multiple columns **emp\_DOB**, **emp\_DOJ** from an existing table **EMPLOYEE**

```
SQL> ALTER TABLE EMPLOYEE DROP (emp_DOB, emp_DOJ);
```

```
SQL>DESC EMPLOYEE;
```

11. Insert 5 values on the basis of **EMPLOYEE** Table

```
SQL>INSERT INTO EMPLOYEE VALUES (1001,'TONY', 'SOFTWARE ENGINEER',  
20500.00);
```

```
SQL>INSERT INTO EMPLOYEE VALUES (1002,'TIM', 'TECHNICAL LEAD',  
18000.00);
```

```
SQL>INSERT INTO EMPLOYEE VALUES (1003,'Sony', 'ANAYLYST', 20000.00);
```

```
SQL>INSERT INTO EMPLOYEE VALUES (1004,'Anoop', 'Software Architect',  
25000.00);
```

```
SQL>INSERT INTO EMPLOYEE VALUES (1005,'Sumith', 'Intern', 12000.00);
```

```
SQL> SELECT * FROM EMPLOYEE;
```