

Experiment 2 DML commands

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```
SQL> create table employee(name varchar(20),age number,salary number);
```

Table created.

```
SQL> select * from employee;
```

no rows selected

```
SQL> insert into employee values('Abhilash',20,80000);
```

1 row created.

```
SQL> insert into employee values('&name',&age,&salary);
```

Enter value for name: Sai

Enter value for age: 20

Enter value for salary: 60000

```
old 1: insert into employee values('&name',&age,&salary)
```

```
new 1: insert into employee values('Sai',20,60000)
```

1 row created.

```
SQL> /
```

Enter value for name: Paramesh

Enter value for age: 21

Enter value for salary: 80000

```
old 1: insert into employee values('&name',&age,&salary)
```

```
new 1: insert into employee values('Paramesh',21,80000)
```

1 row created.

```
SQL> select * from employee;
```

| NAME | AGE | SALARY |
|------|-----|--------|
|------|-----|--------|

| | | |
|----------|----|-------|
| Abhilash | 20 | 80000 |
|----------|----|-------|

| | | |
|-----|----|-------|
| Sai | 20 | 60000 |
|-----|----|-------|

| | | |
|----------|----|-------|
| Paramesh | 21 | 80000 |
|----------|----|-------|

SQL> desc employee;

| Name | Null? | Type |
|------|-------|------|
|------|-------|------|

| | | |
|------|--|--------------|
| NAME | | VARCHAR2(20) |
|------|--|--------------|

| | | |
|-----|--|--------|
| AGE | | NUMBER |
|-----|--|--------|

| | | |
|--------|--|--------|
| SALARY | | NUMBER |
|--------|--|--------|

SQL> alter table employee add(designation char(15));

Table altered.

SQL> select * from employee;

| NAME | AGE | SALARY | DESIGNATION |
|------|-----|--------|-------------|
|------|-----|--------|-------------|

| | | | |
|----------|----|-------|--|
| Abhilash | 20 | 80000 | |
|----------|----|-------|--|

| | | | |
|-----|----|-------|--|
| Sai | 20 | 60000 | |
|-----|----|-------|--|

| | | | |
|----------|----|-------|--|
| Paramesh | 21 | 80000 | |
|----------|----|-------|--|

SQL> update employee set designation='manager' where name='Abhilash';

1 row updated.

SQL> select * from employee;

| NAME | AGE | SALARY | DESIGNATION |
|------|-----|--------|-------------|
|------|-----|--------|-------------|

| | | | |
|----------|----|-------|---------|
| Abhilash | 20 | 80000 | manager |
|----------|----|-------|---------|

| | | | |
|-----|----|-------|--|
| Sai | 20 | 60000 | |
|-----|----|-------|--|

| | | | |
|----------|----|-------|--|
| Paramesh | 21 | 80000 | |
|----------|----|-------|--|

```
SQL> update employee set designation='asst.manager' where name='Sai';
```

```
1 row updated.
```

```
SQL> update employee set designation='employee' where name='Paramesh';
```

```
1 row updated.
```

```
SQL> select * from employee where designation='employee';
```

| NAME | AGE | SALARY DESIGNATION |
|----------|-----|--------------------|
| Paramesh | 21 | 80000 employee |

```
SQL> select * from employee order by name asc;
```

| NAME | AGE | SALARY DESIGNATION |
|----------|-----|--------------------|
| Abhilash | 20 | 80000 manager |
| Paramesh | 21 | 80000 employee |
| Sai | 20 | 60000 asst.manager |

```
SQL> select name from employee where salary>5000;
```

| NAME |
|----------|
| Abhilash |
| Sai |
| Paramesh |

```
SQL> select name from employee where salary>50000;
```

| NAME | AGE | SALARY DESIGNATION |
|----------|-----|--------------------|
| Abhilash | 20 | 80000 manager |
| Paramesh | 21 | 80000 employee |

Sai 20 60000 asst.manager

```
SQL> insert into employee values('&name',&age,&salary,'&designation');
```

Enter value for name: Dinesh

Enter value for age: 21

Enter value for salary: 20000

Enter value for designation: employee

```
old 1: insert into employee values('&name',&age,&salary,'&designation')
```

```
new 1: insert into employee values('Dinesh',21,20000,'employee')
```

1 row created.

```
SQL> /
```

Enter value for name: Prasad

Enter value for age: 21

Enter value for salary: 10000

Enter value for designation: employee

```
old 1: insert into employee values('&name',&age,&salary,'&designation')
```

```
new 1: insert into employee values('Prasad',21,10000,'employee')
```

1 row created.

```
SQL> /
```

Enter value for name: Ganesh

Enter value for age: 19

Enter value for salary: 10000

Enter value for designation: employee

```
old 1: insert into employee values('&name',&age,&salary,'&designation')
```

```
new 1: insert into employee values('Ganesh',19,10000,'employee')
```

1 row created.

SQL> select * from employee;

| NAME | AGE | SALARY DESIGNATION |
|----------|-----|--------------------|
| Abhilash | 20 | 80000 manager |
| Sai | 20 | 60000 asst.manager |
| Paramesh | 21 | 80000 employee |
| Dinesh | 21 | 20000 employee |
| Prasad | 21 | 10000 employee |
| Ganesh | 19 | 10000 employee |

6 rows selected.

SQL> select name from employee where salary<50000;

| NAME |
|------|
|------|

Dinesh

Prasad

Ganesh

SQL> select * from employee where age>=20;

| NAME | AGE | SALARY DESIGNATION |
|----------|-----|--------------------|
| Abhilash | 20 | 80000 manager |
| Sai | 20 | 60000 asst.manager |
| Paramesh | 21 | 80000 employee |
| Dinesh | 21 | 20000 employee |
| Prasad | 21 | 10000 employee |

```
SQL> spool off
```