

Create Table

SQL Worksheet

```
1 create table Employee (empid varchar(10) primary key,
2 empname varchar(20) not null,
3 gender varchar(2) not null,
4 dept varchar(3) not null,
5 dob date not null,
6 doj date not null);
```

Table created.

Columns			
#	Column	Type	Length
1	EMPID	VARCHAR2	10
2	EMPNAME	VARCHAR2	20
3	GENDER	VARCHAR2	2
4	DEPT	VARCHAR2	3
5	DOB	DATE	7
6	DOJ	DATE	7

SQL Worksheet

```
1 create table Salary (empid varchar(10) references employee(empid),
2 salary varchar (10) not null,
3 dept varchar (10) not null,
4 branch varchar (20) not null);
```

Table created.

Columns			
#	Column	Type	Length
1	EMPID	VARCHAR2	10
2	SALARY	VARCHAR2	10
3	DEPT	VARCHAR2	10
4	BRANCH	VARCHAR2	20

SQL Worksheet

```
1 create table branchtable (branch varchar (20) not null,
2 city varchar (20) not null);
```

Table created.

Columns			
#	Column	Type	Length
1	BRANCH	VARCHAR2	20
2	CITY	VARCHAR2	20

Alter Table

I] ADD

1)

SQL Worksheet

```
1 alter table employee add (designation varchar(15));
```

Table altered.

EMPLOYEE

SQL_YDAPMHTRXLW

Show All Table Attributes Columns Indexes Triggers Constraints

#	Column	Type	Length
1	EMPID	VARCHAR2	10
2	EMPNAME	VARCHAR2	20
3	GENDER	VARCHAR2	2
4	DEPT	VARCHAR2	3
5	DOB	DATE	7
6	DOJ	DATE	7
7	DESIGNATION	VARCHAR2	15

2)

SQL Worksheet

```
1 alter table employee add (employee_address char(15));
```

Table altered.

Nested Schema \

No

EMPLOYEE

SQL_YDAPMHTRXLWMZN

Show All Table Attributes Columns Indexes Triggers Constraints

#	Column	Type	Length
1	EMPID	VARCHAR2	10
2	EMPNAME	VARCHAR2	20
3	GENDER	VARCHAR2	2
4	DEPT	VARCHAR2	3
5	DOB	DATE	7
6	DOJ	DATE	7
7	DESIGNATION	VARCHAR2	15
8	EMPLOYEE_ADDRESS	CHAR	15

II] MODIFY

SQL Worksheet

```
1 alter table employee modify designation varchar (20) not null;
```

Table altered.

Nested Schema \

No

EMPLOYEE

SQL_YDAPMHTRXLWMZN

Show All Table Attributes Columns Indexes Triggers Constraints

#	Column	Type	Length
1	EMPID	VARCHAR2	10
2	EMPNAME	VARCHAR2	20
3	GENDER	VARCHAR2	2
4	DEPT	VARCHAR2	3
5	DOB	DATE	7
6	DOJ	DATE	7
7	DESIGNATION	VARCHAR2	20
8	EMPLOYEE_ADDRESS	CHAR	15

SQL Worksheet

```
1 RENAME employee TO employee1;
```

Statement processed.

EMPLOYEE1

SQL_YDAPMHTRXLWMZM

- Show All
- Table Attributes
- Columns
- Indexes
- Triggers
- Constraints

#	Column	Type	Length
1	EMPID	VARCHAR2	10
2	EMPNAME	VARCHAR2	20
3	GENDER	VARCHAR2	2
4	DEPT	VARCHAR2	3
5	DOB	DATE	7
6	DOJ	DATE	7
7	DESIGNATION	VARCHAR2	20
8	EMPLOYEE_ADDRESS	CHAR	15