

5)

```
mysql> CREATE TABLE employee (  
->     empno int primary key,  
->     ename varchar(20) NOT NULL,  
->     designation varchar(20) NOT NULL,  
->     salary int(20) NOT NULL);  
Query OK, 0 rows affected, 1 warning (0.01 sec)  
  
mysql> desc employee  
-> ;
```

Field	Type	Null	Key	Default	Extra
empno	int	NO	PRI	NULL	
ename	varchar(20)	NO		NULL	
designation	varchar(20)	NO		NULL	
salary	int	NO		NULL	

```
4 rows in set (0.00 sec)
```

6)

Field	Type	Null	Key	Default	Extra
empno	int	NO	PRI	NULL	
ename	varchar(20)	NO		NULL	
designation	varchar(20)	NO		NULL	
salary	int	NO		NULL	

```
4 rows in set (0.00 sec)
```

7)

```
mysql> CREATE TABLE employee2 AS
-> SELECT * FROM employee;
Query OK, 0 rows affected (0.01 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
mysql> desc employee2;
```

Field	Type	Null	Key	Default	Extra
empno	int	NO		NULL	
ename	varchar(20)	NO		NULL	
designation	varchar(20)	NO		NULL	
salary	int	NO		NULL	

4 rows in set (0.00 sec)

8)

```
mysql> CREATE TABLE employee3 AS
-> SELECT ename, designation FROM employee;
Query OK, 0 rows affected (0.01 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
mysql> desc employee3;
```

Field	Type	Null	Key	Default	Extra
ename	varchar(20)	NO		NULL	
designation	varchar(20)	NO		NULL	

2 rows in set (0.00 sec)

9)

```
mysql> CREATE TABLE employee4 AS
-> SELECT * FROM employee WHERE 1=0;
Query OK, 0 rows affected (0.01 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
mysql> desc employee4;
```

Field	Type	Null	Key	Default	Extra
empno	int	NO		NULL	
ename	varchar(20)	NO		NULL	
designation	varchar(20)	NO		NULL	
salary	int	NO		NULL	

4 rows in set (0.00 sec)

10)

```
mysql> ALTER TABLE employee
-> MODIFY empno varchar(6);
Query OK, 0 rows affected (0.02 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
mysql> desc employee;
```

Field	Type	Null	Key	Default	Extra
empno	varchar(6)	NO	PRI	NULL	
ename	varchar(20)	NO		NULL	
designation	varchar(20)	NO		NULL	
salary	int	NO		NULL	

4 rows in set (0.00 sec)

11)

```
mysql> desc employee;
```

Field	Type	Null	Key	Default	Extra
empno	int	NO	PRI	NULL	
ename	varchar(50)	YES		NULL	
designation	varchar(20)	NO		NULL	
salary	int	NO		NULL	

4 rows in set (0.00 sec)

12)

```
mysql> ALTER TABLE employee
-> ADD DOJ date;
Query OK, 0 rows affected (0.01 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql> desc employee;
+-----+-----+-----+-----+-----+-----+
| Field          | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| empno          | int           | NO   | PRI | NULL    |       |
| ename          | varchar(50)   | YES  |     | NULL    |       |
| designation     | varchar(20)   | NO   |     | NULL    |       |
| salary         | int           | NO   |     | NULL    |       |
| DOJ            | date          | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```

13)

```
mysql> ALTER TABLE employee
-> ADD (
->     Qualification varchar(20),
->     DOB date
-> );
Query OK, 0 rows affected (0.01 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql> desc employee;
+-----+-----+-----+-----+-----+-----+
| Field          | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| empno          | int           | NO   | PRI | NULL    |       |
| ename          | varchar(50)   | YES  |     | NULL    |       |
| designation     | varchar(20)   | NO   |     | NULL    |       |
| salary         | int           | NO   |     | NULL    |       |
| DOJ            | date          | YES  |     | NULL    |       |
| Qualification   | varchar(20)   | YES  |     | NULL    |       |
| DOB            | date          | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
7 rows in set (0.00 sec)
```

14)

```
mysql> ALTER TABLE employee
-> DROP COLUMN DOJ;
Query OK, 0 rows affected (0.01 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
mysql> desc employee;
```

Field	Type	Null	Key	Default	Extra
empno	int	NO	PRI	NULL	
ename	varchar(50)	YES		NULL	
designation	varchar(20)	NO		NULL	
salary	int	NO		NULL	
Qualification	varchar(20)	YES		NULL	
DOB	date	YES		NULL	

6 rows in set (0.00 sec)

15)

```
mysql> ALTER TABLE employee
-> DROP COLUMN Qualification,
-> DROP COLUMN DOB;
Query OK, 0 rows affected (0.01 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
mysql> desc employee;
```

Field	Type	Null	Key	Default	Extra
empno	int	NO	PRI	NULL	
ename	varchar(50)	YES		NULL	
designation	varchar(20)	NO		NULL	
salary	int	NO		NULL	

4 rows in set (0.00 sec)

16)

```
mysql> ALTER TABLE employee  
-> RENAME TO tableEmployee;  
Query OK, 0 rows affected (0.01 sec)
```

```
mysql> desc tableEmployee;
```

Field	Type	Null	Key	Default	Extra
empno	int	NO	PRI	NULL	
ename	varchar(50)	YES		NULL	
designation	varchar(20)	NO		NULL	
salary	int	NO		NULL	

```
4 rows in set (0.00 sec)
```