

EXERCISE 1

```
mysql> use cdacmumbai;
```

Database changed

```
mysql> show tables;
```

```
+-----+
| Tables_in_cdacmumbai |
+-----+
| customers            |
| j                    |
| orders               |
| p                    |
| s                    |
| salespeople          |
| sdept                |
| semp                |
| spj                  |
+-----+
```

9 rows in set (0.05 sec)

```
mysql> select * from j;
```

```
+-----+-----+-----+
| J#  | Jname | City  |
+-----+-----+-----+
| J1  | Kartik | Pune  |
| J2  | Dipesh | Kolkata |
| J2  | Ron   | Mumbai |
+-----+-----+-----+
```

3 rows in set (0.02 sec)

```
mysql> create table SPJ
```

```
-> (`S#` char(2),`P#` char(2),`J#` char(2), QTY int);
```

ERROR 1050 (42S01): Table 'spj' already exists

```
mysql> desc spj;
```

```
+-----+-----+-----+-----+-----+
| Field | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+
| S#    | char(2)   | YES  |     | NULL    |       |
| P#    | char(2)   | YES  |     | NULL    |       |
| J#    | char(2)   | YES  |     | NULL    |       |
| Qty   | varchar(15) | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+
```

4 rows in set (0.01 sec)

```
mysql> select * from spj;
```

Empty set (0.00 sec)

```
mysql> insert into spj values
```

```
-> (`S1`, `P1`, `J1`,10);
```

ERROR 1054 (42S22): Unknown column 'S1' in 'field list'

```
mysql> insert into spj values
```

```
-> ('S1', 'P1', 'J1',10);
```

Query OK, 1 row affected (0.02 sec)

```
mysql> insert into spj values
```

```
-> ('S2', 'P2', 'J3',20),
```

```
-> ('S3', 'P3', 'J3',30),
```

```
-> ('S4', 'P4', 'J4',40);
```

Query OK, 3 rows affected (0.01 sec)

Records: 3 Duplicates: 0 Warnings: 0

```
mysql> select * from spj;
```

```

+-----+-----+-----+-----+
| S#  | P#  | J#  | Qty |
+-----+-----+-----+-----+
| S1  | P1  | J1  | 10  |
| S2  | P2  | J3  | 20  |
| S3  | P3  | J3  | 30  |
| S4  | P4  | J4  | 40  |
+-----+-----+-----+-----+
4 rows in set (0.00 sec)

```

```

mysql> select * from s;
+-----+-----+-----+-----+
| S#  | Sname | Status | City |
+-----+-----+-----+-----+
| S1  | kartik | paid   | pune  |
| S2  | Hachi  | unpaid | Mumbai |
+-----+-----+-----+-----+
2 rows in set (0.04 sec)

```

```

mysql> select `S#`,Snme from s;
ERROR 1054 (42S22): Unknown column 'Snme' in 'field list'

```

```

mysql> select S#,Sname from s;
-> ^C

```

```

mysql> select `S#`,Sname from s;
+-----+-----+
| S#  | Sname |
+-----+-----+
| S1  | kartik |
| S2  | Hachi  |
+-----+-----+
2 rows in set (0.00 sec)

```

```
mysql> select * from p;
```

P#	Pname	Color	weight	city
P1	Spring	Black	2.42	Pune
P2	Rear mirror	silver	1.42	Mumbai
P3	Wind Shield	grey	9.43	Ahmedabad

3 rows in set (0.02 sec)

```
mysql> select Pname,color from p where coty ='pune';
```

ERROR 1054 (42S22): Unknown column 'coty' in 'where clause'

```
mysql> select Pname,color from p where city ='pune';
```

Pname	color
Spring	Black

1 row in set (0.00 sec)

```
mysql> select * from s;
```

S#	Sname	Status	City
S1	kartik	paid	pune
S2	Hachi	unpaid	Mumbai

2 rows in set (0.00 sec)

```
mysql> select Sname from s where city = 'pune';
```

```

+-----+
| Sname |
+-----+
| kartik |
+-----+
1 row in set (0.00 sec)

```

```

mysql> select Sname from s where city = 'pune' OR 'mumbai';
+-----+
| Sname |
+-----+
| kartik |
+-----+
1 row in set, 1 warning (0.00 sec)

```

```

mysql> select Sname from s where city = 'pune' OR 'Mumbai';
+-----+
| Sname |
+-----+
| kartik |
+-----+
1 row in set, 1 warning (0.00 sec)

```

```

mysql> select Sname from s where city = 'pune' OR city = 'Mumbai';
+-----+
| Sname |
+-----+
| kartik |
| Hachi |
+-----+

```

2 rows in set (0.00 sec)

^C

mysql> select * from p;

P#	Pname	Color	weight	city
P1	Spring	Black	2.42	Pune
P2	Rear mirror	silver	1.42	Mumbai
P3	Wind Shield	grey	9.43	Ahmedabad

3 rows in set (0.00 sec)

mysql> select pname from p where weight >=1 AND weight <= 10;

pname
Spring
Rear mirror
Wind Shield

3 rows in set (0.00 sec)

mysql> select pname from p where weight >=3 AND weight <= 10;

pname
Wind Shield

1 row in set (0.00 sec)

mysql> select Sname from s where city != 'pune';

```
+-----+
```

```
| Sname |
```

```
+-----+
```

```
| Hachi |
```

```
+-----+
```

```
1 row in set (0.00 sec)
```

```
mysql> select city from s;
```

```
+-----+
```

```
| city  |
```

```
+-----+
```

```
| pune  |
```

```
| Mumbai |
```

```
+-----+
```

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

```
mysql> select pname, weight as grams, weight*1000 as miligrams from p;
```

```
+-----+-----+-----+
```

```
| pname    | grams | miligrams |
```

```
+-----+-----+-----+
```

```
| Spring   | 2.42 | 2420.00 |
```

```
| Rear mirror | 1.42 | 1420.00 |
```

```
| Wind Shield | 9.43 | 9430.00 |
```

```
+-----+-----+-----+
```

```
3 rows in set (0.01 sec)
```

```
mysql>
```