

```
CREATE DATABASE spj;
```

```
USE spj;
```

```
CREATE TABLE S (s# CHAR(5) NOT NULL, sname CHAR(20), status SMALLINT, city CHAR(15));
```

```
Insert into S values('S1' , 'Smith' , 20 , 'London');
```

```
Insert into S values('S2' , 'Jones' , 10 , 'Paris');
```

```
Insert into S values('S3' , 'Blark' , 30 , 'Paris');
```

```
Insert into S values('S4' , 'Adams' , 30 , 'Athens');
```

S#	sname	status	city
S1	Smith	20	London
S2	Jones	10	Paris
S2	Blake	30	Paris
S4	Clark	20	London
S5	Adams	30	Athens

5 rows in set (0.00 sec)

```
Create table P(`P#` char(6) not null , pname char(20) , color char(6) , weight smallint , city char(15));
```

```
Insert into P values('P1' , 'Nut' , 'Red' , 12 , 'London');
```

```
Insert into P values('P2' , 'Bolt' , 'Green' , 17 , 'Paris');
```

```
Insert into P values('P3' , 'Screw' , 'Blue' , 17 , 'Rome');
```

```
Insert into P values('P1' , 'Screw' , 'Red' , 14 , 'London');
```

```
mysql> select * from P;
```

P#	pname	color	weight	sity
P1	Nut	Red	12	London
P2	Bolt	Green	17	Paris
P3	Screw	Blue	17	Rome
P4	Screw	Red	14	London

4 rows in set (0.00 sec)

```
create table J(J#`char(4) not null , jname char(10) , city char(15));
```

```
insert into J values('J1','Sorter','Paris');
```

```
insert into J values('J2','Punch','Rome');
```

```
insert into J values('J3','Reader','Athens');
```

```
insert into J values('J4','Console','Athens');
```

```
insert into J values('J5','collator','London');
```

```
insert into J values('J6','Terminal','Oslo');
```

```
insert into J values('J7','Tape','London');
```

```
mysql> select * from J;
```

J#	jname	city
J1	Sorter	Paris
J2	Punch	Rome
J3	Reader	Athens
J4	Console	Athens
J5	Collator	London
J6	Terminal	Oslo
J7	Tape	London

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

```
Create table sp(`S#` char(4) not null , `P#` char(4) not null , `J#` char(4) not null , QTY int);
```

```
INSERT INTO SP (S#,P#,J#,QTY) VALUES
```

```
('S1','P1','J1',200),
```

```
('S1','P1','J4',700),
```

```
('S2','P3','J1',400),
```

```
('S2','P3','J2',200),
```

```
('S2','P3','J3',200),
```

```
('S2','P3','J4',500),
```

```
('S2','P3','J5',600),
```

('S2','P3','J6',400),
('S2','P3','J7',800),
('S2','P5','J2',100),
('S3','P3','J1',200),
('S3','P3','J1',200),
('S4','P6','J3',300),
('S4','P6','J7',300),
('S5','P2','J2',200),
('S5','P2','J4',100),
('S5','P5','J5',500),
('S5','P5','J7',100),
('S5','P6','J2',200),
('S5','P1','J4',100),
('S5','P3','J4',200),
('S5','P4','J4',800),
('S5','P5','J4',400),
('S5','P6','J4',500);

```
mysql> select * from sp;
```

S#	P#	J#	QTY
S1	P1	J1	200
S2	P3	J1	700
S2	P3	J2	200
S2	P3	J4	500
S2	P3	J6	400
S2	P3	J6	400
S2	P3	J7	800
S2	P5	J2	100
S3	P3	J1	200
S3	P4	J2	500
S4	P6	J3	300
S4	P6	J7	300
S5	P2	J2	200
S5	P2	J4	100
S5	P5	J5	500
S5	P5	J7	100
S5	P6	J2	200
S5	P1	J4	100
S5	P3	J4	200
S5	P3	J4	800
S5	P5	J4	400
S5	P6	J4	500

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