

```
CREATE DATABASE spj;
```

```
USE spj;
```

```
CREATE TABLE S(`S#`CHAR(5) NOT NULL, Sname CHAR(20), Status SMALLINT,City CHAR(15));
```

Field	Type	Null	Key	Default	Extra
S#	char(5)	NO		NULL	
Sname	char(20)	YES		NULL	
Status	smallint	YES		NULL	
City	char(15)	YES		NULL	

```
INSERT INTO S(`S#`,Sname,Status,City) VALUES("S1","SMITH",20,"LONDON");
```

```
INSERT INTO S(`S#`,Sname,Status,City) VALUES("S2","JONES",10,"PARIS");
```

```
INSERT INTO S(`S#`,Sname,Status,City) VALUES("S3","BLAKE",30,"PARIS");
```

```
INSERT INTO S(`S#`,Sname,Status,City) VALUES("S4","CLARK",20,"LONDON");
```

```
INSERT INTO S(`S#`,Sname,Status,City) VALUES("S5","ADAMS",30,"ATHENS");
```

S#	Sname	Status	City
S1	SMITH	20	LONDON
S2	JONES	10	PARIS
S3	BLAKE	30	PARIS
S4	CLARK	20	LONDON
S5	ADAMS	30	ATHENS

5 rows in set (0.012 sec)

```
CREATE TABLE P(`P#`CHAR(5) NOT NULL, Pname CHAR(20),COLOR CHAR(6),WEIGHT SMALLINT,City CHAR(15));
```

Field	Type	Null	Key	Default	Extra
P#	char(5)	NO		NULL	
Pname	char(20)	YES		NULL	
COLOR	char(6)	YES		NULL	
WEIGHT	smallint	YES		NULL	
City	char(15)	YES		NULL	

```
INSERT INTO P(`P#`,Pname,COLOR,WEIGHT,City) VALUES("P1","NUT","RED",12,"LONDON");
```

```
INSERT INTO P(`P#`,Pname,COLOR,WEIGHT,City) VALUES("P2","BOLT","GREEN",17,"PARIS");
```

```
INSERT INTO P(`P#`,Pname,COLOR,WEIGHT,City) VALUES("P3","SCREW","BLUE",17,"ROME");
INSERT INTO P(`P#`,Pname,COLOR,WEIGHT,City) VALUES("P4","SCREW","RED",14,"LONDON");
```

```
mysql> SELECT * FROM P;
+---+-----+-----+-----+-----+
| P# | Pname | COLOR | WEIGHT | City   |
+---+-----+-----+-----+-----+
| P1 | NUT   | RED   |    12 | LONDON |
| P2 | BOLT  | GREEN  |    17 | PARIS  |
| P3 | SCREW | BLUE  |    17 | ROME   |
| P4 | SCREW | RED   |    14 | LONDON |
+---+-----+-----+-----+
4 rows in set (0.013 sec)
```

```
CREATE TABLE J(`J#`CHAR(5) NOT NULL, Jname CHAR(20), City CHAR(15));
```

```
mysql> DESC J;
+-----+-----+-----+-----+-----+
| Field | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+
| J#    | char(5)   | NO   |     | NULL    |       |
| Jname | char(20)  | YES  |     | NULL    |       |
| City  | char(15)  | YES  |     | NULL    |       |
+-----+-----+-----+-----+
```

```
INSERT INTO J(`J#`,Jname, City) VALUES("J1","SORTER","PARIS");
INSERT INTO J(`J#`,Jname, City) VALUES("J2","PUNCH","ROME");
INSERT INTO J(`J#`,Jname, City) VALUES("J3","READER","ATHENS");
INSERT INTO J(`J#`,Jname, City) VALUES("J4","CONSOLE","ATHENS");
INSERT INTO J(`J#`,Jname, City) VALUES("J5","TAPE","LONDON");
```

```
mysql> SELECT * FROM J;
+---+-----+-----+
| J# | Jname | City  |
+---+-----+-----+
| J1 | SORTER | PARIS |
| J2 | PUNCH  | ROME  |
| J3 | READER | ATHENS |
| J4 | CONSOLE | ATHENS |
| J5 | TAPE   | LONDON |
+---+-----+-----+
5 rows in set (0.006 sec)
```

```
CREATE TABLE SP(`S#`CHAR(5) NOT NULL, `P#`CHAR(5) NOT NULL, `J#`CHAR(5) NOT NULL,QTY INT);
```

Command Prompt - mysql -u root -p

S#	char(5)	NO		NULL	
P#	char(5)	NO		NULL	
J#	char(5)	NO		NULL	
QTY	int	YES		NULL	

```

INSERT INTO SP(`S#`,`P#`,`J#`,QTY) VALUES("S1","P1","J1",200);
INSERT INTO SP(`S#`,`P#`,`J#`,QTY) VALUES("S1","P1","J4",700);
INSERT INTO SP(`S#`,`P#`,`J#`,QTY) VALUES("S2","P3","J1",400);
INSERT INTO SP(`S#`,`P#`,`J#`,QTY) VALUES("S2","P3","J2",500);
INSERT INTO SP(`S#`,`P#`,`J#`,QTY) VALUES("S2","P2","J3",400);
INSERT INTO SP(`S#`,`P#`,`J#`,QTY) VALUES("S2","P3","J4",400);
INSERT INTO SP(`S#`,`P#`,`J#`,QTY) VALUES("S2","P2","J2",700);
INSERT INTO SP(`S#`,`P#`,`J#`,QTY) VALUES("S1","P2","J4",200);
INSERT INTO SP(`S#`,`P#`,`J#`,QTY) VALUES("S2","P3","J3",200);
INSERT INTO SP(`S#`,`P#`,`J#`,QTY) VALUES("S1","P1","J1",200);
INSERT INTO SP(`S#`,`P#`,`J#`,QTY) VALUES("S4","P1","J4",700);
INSERT INTO SP(`S#`,`P#`,`J#`,QTY) VALUES("S5","P2","J2",800);
INSERT INTO SP(`S#`,`P#`,`J#`,QTY) VALUES("S1","P2","J4",100);
INSERT INTO SP(`S#`,`P#`,`J#`,QTY) VALUES("S2","P3","J3",200);
INSERT INTO SP(`S#`,`P#`,`J#`,QTY) VALUES("S1","P1","J4",500);
INSERT INTO SP(`S#`,`P#`,`J#`,QTY) VALUES("S5","P3","J1",200);
INSERT INTO SP(`S#`,`P#`,`J#`,QTY) VALUES("S2","P3","J2",300);
INSERT INTO SP(`S#`,`P#`,`J#`,QTY) VALUES("S2","P2","J3",300);
INSERT INTO SP(`S#`,`P#`,`J#`,QTY) VALUES("S5","P3","J4",200);
INSERT INTO SP(`S#`,`P#`,`J#`,QTY) VALUES("S2","P2","J2",100);
INSERT INTO SP(`S#`,`P#`,`J#`,QTY) VALUES("S5","P2","J4",500);
INSERT INTO SP(`S#`,`P#`,`J#`,QTY) VALUES("S5","P3","J3",100);
INSERT INTO SP(`S#`,`P#`,`J#`,QTY) VALUES("S2","P3","J2",200);
INSERT INTO SP(`S#`,`P#`,`J#`,QTY) VALUES("S2","P2","J3",100);
INSERT INTO SP(`S#`,`P#`,`J#`,QTY) VALUES("S5","P3","J4",200);
INSERT INTO SP(`S#`,`P#`,`J#`,QTY) VALUES("S2","P2","J2",800);
INSERT INTO SP(`S#`,`P#`,`J#`,QTY) VALUES("S5","P2","J4",400);

```

```
INSERT INTO SP(`S#`,`P#`,`J#`,QTY) VALUES("S5","P3","J4",500);
```

mysql> SELECT * FROM SP;			
S#	P#	J#	QTY
S1	P1	J1	200
S1	P1	J4	700
S2	P3	J1	400
S2	P3	J2	500
S2	P2	J3	400
S2	P3	J4	400
S2	P2	J2	700
S1	P2	J4	200
S2	P3	J3	200
S1	P1	J1	200
S4	P1	J4	700
S5	P2	J2	800
S1	P2	J4	100
S2	P3	J3	200
S1	P1	J4	500
S5	P3	J1	200
S2	P3	J2	300
S2	P2	J3	300
S5	P3	J4	200
S2	P2	J2	100
S5	P2	J4	500
S5	P3	J3	100
S2	P3	J2	200
S2	P2	J3	100
S5	P3	J4	200
S2	P2	J2	800
S5	P2	J4	400
S5	P3	J4	500