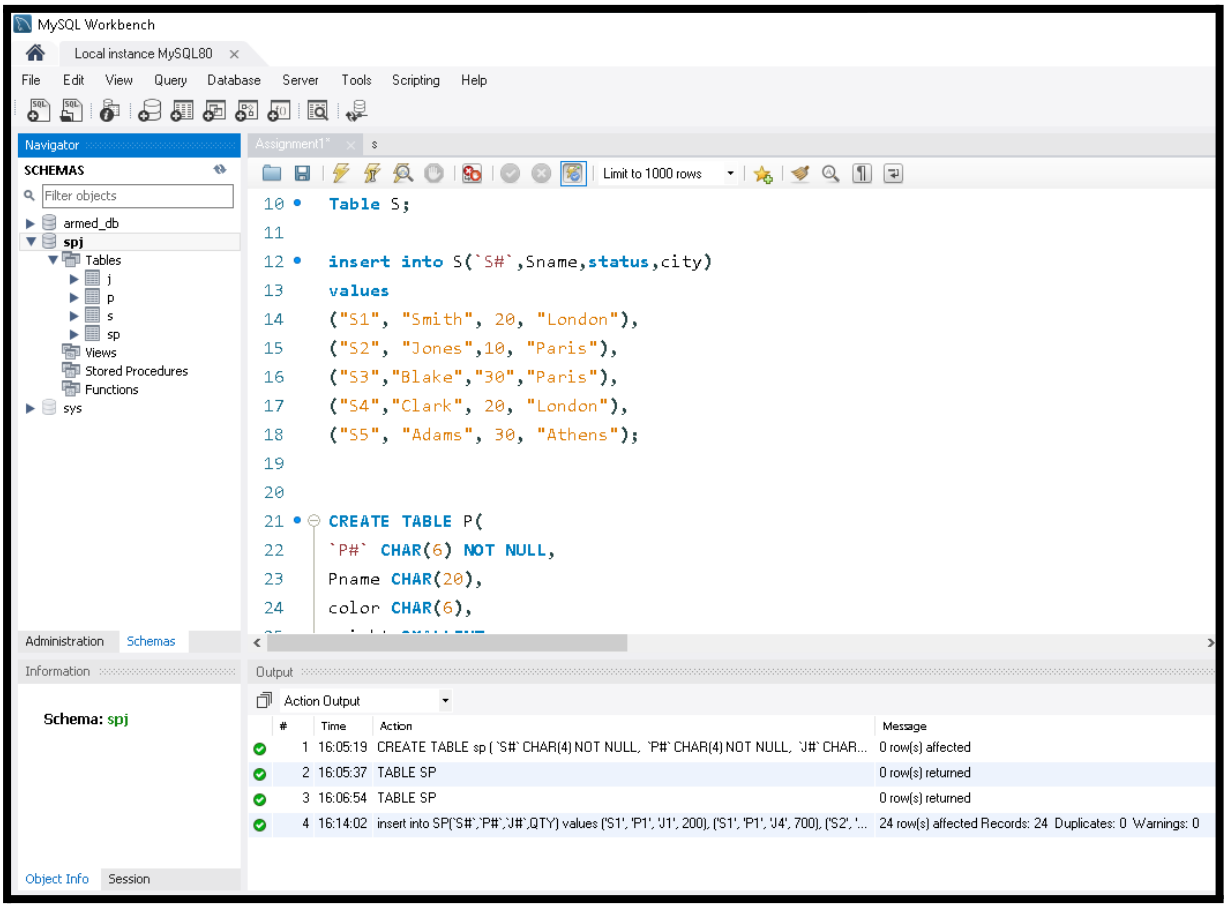
```
CREATE DATABASE spj;
use spj;

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

Table S;

insert into S(`S#`,Sname,status,city)
values
("S1", "Smith", 20, "London"),
("S2", "Jones",10, "Paris"),
("S3","Blake","30","Paris"),
("S4","Clark", 20, "London"),
("S5", "Adams", 30, "Athens");


CREATE TABLE P(
`P#` CHAR(6) NOT NULL,
Pname CHAR(20),
color CHAR(6),
weight SMALLINT ,
city CHAR(15));
TABLE P;

insert into P(`P#`,Pname,color,weight,city)
values
("P1", "Nut", "Red",12, "London"),
("P2", "Bolt", "Green", 17, "Paris"),
("P3", "Screw", "Blue", 17 ,"Rome"),
("P4", "Screw", "Red", 14, "London"),
("P5", "Cam", "Blue", 12, "Paris"),
("P6", "Cog", "Red", 19, "London");

CREATE TABLE J (
`J#` CHAR(4) NOT NULL,
Jname CHAR(10),
City CHAR(15));
TABLE J;

insert into J(`J#`,Jname,City)
values
("J1", "Sorter", "Paris"),
("J2", "Punch", "Rome"),
("J3", "Reader", "Athens"),
```

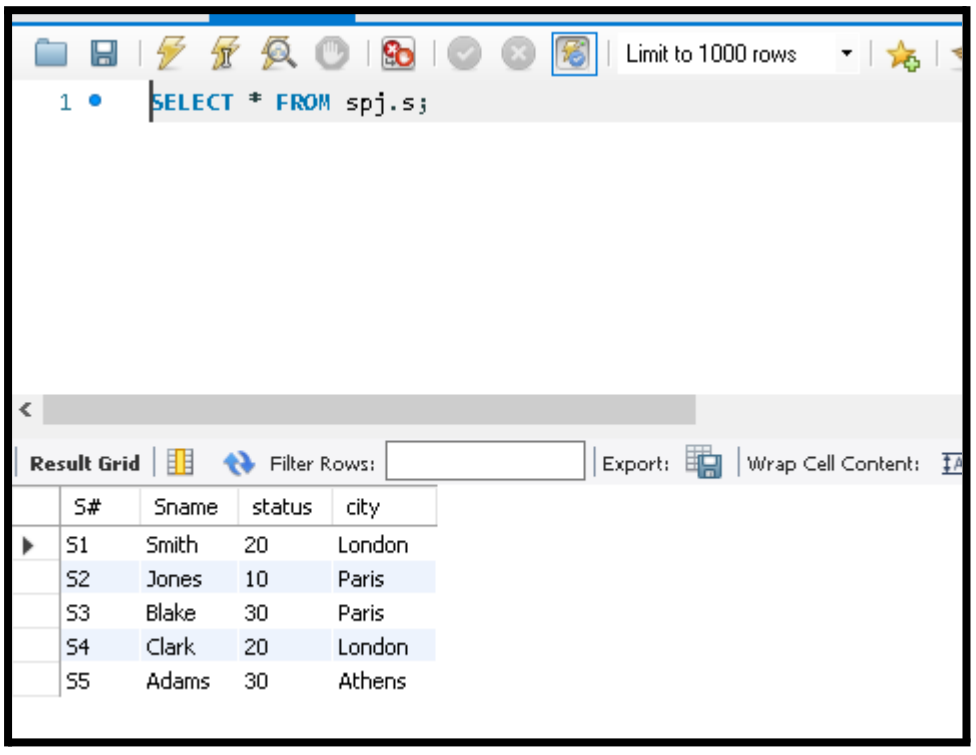
("J4", "Console", "Athens"),
("J5", "Collator", "London"),
("J6", "Terminal", "Oslo"),
("J7", "Tape", "London");

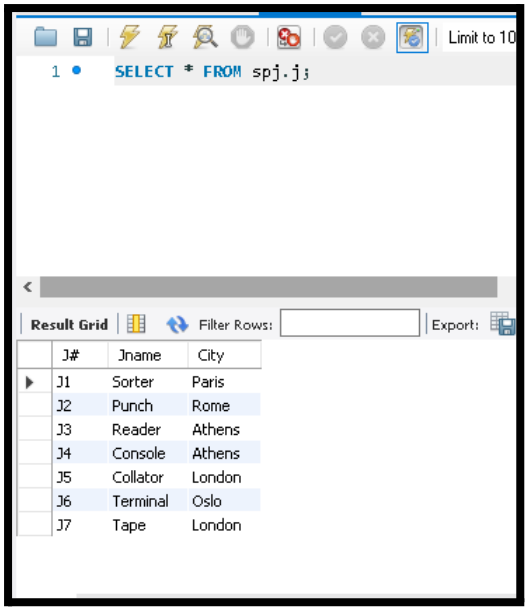
CREATE TABLE sp (
`S#` CHAR(4) NOT NULL,
`P#` CHAR(4) NOT NULL,
`J#` CHAR(4) NOT NULL,
QTY INT);

TABLE SP;

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', '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', 'P4', 'J4', 800),
('S5', 'P5', 'J4', 400),
('S5', 'P6', 'J4', 500);


MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
armed_db
spj
Tables
j
p
s
sp
Views
Stored Procedures
Functions
sys
Administration Schemas
Information
Schema: spj
Object Info Session
Assignment1* s
Limit to 1000 rows
10 • Table S;
11
12 • insert into S(`S#`,Sname,status,city)
13 values
14 ("S1", "Smith", 20, "London"),
15 ("S2", "Jones",10, "Paris"),
16 ("S3","Blake","30","Paris"),
17 ("S4","Clark", 20, "London"),
18 ("S5", "Adams", 30, "Athens");
19
20
21 • CREATE TABLE P(
22 `P#` CHAR(6) NOT NULL,
23 Pname CHAR(20),
24 color CHAR(6),
Output
Action Output
Time Action Message
1 16:05:19 CREATE TABLE sp (`S#` CHAR(4) NOT NULL, `P#` CHAR(4) NOT NULL, `J#` CHAR... 0 row(s) affected
2 16:05:37 TABLE SP 0 row(s) returned
3 16:06:54 TABLE SP 0 row(s) returned
4 16:14:02 insert into SP(`S#`,`P#`,`J#`,QTY) values ('S1', 'P1', 'J1', 200), ('S1', 'P1', 'J4', 700), ('S2', '... 24 row(s) affected Records: 24 Duplicates: 0 Warnings: 0

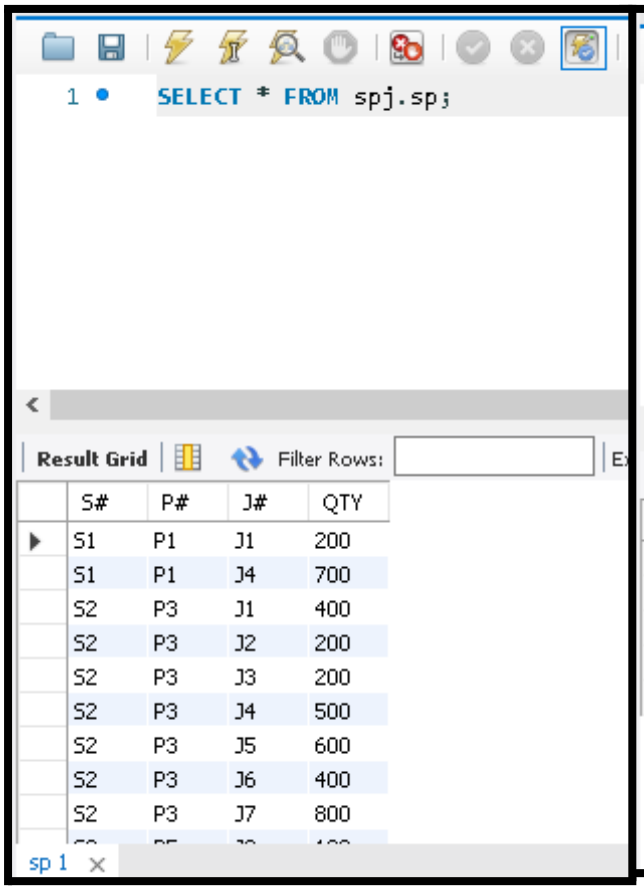

Limit to 1000 rows
1 • SELECT * FROM spj.s;
Result Grid
Filter Rows:
Export:
Wrap Cell Content:
S# Sname status city
S1 Smith 20 London
S2 Jones 10 Paris
S3 Blake 30 Paris
S4 Clark 20 London
S5 Adams 30 Athens



```
SELECT * FROM spj.j;
```

Result Grid | Filter Rows: | Export:

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

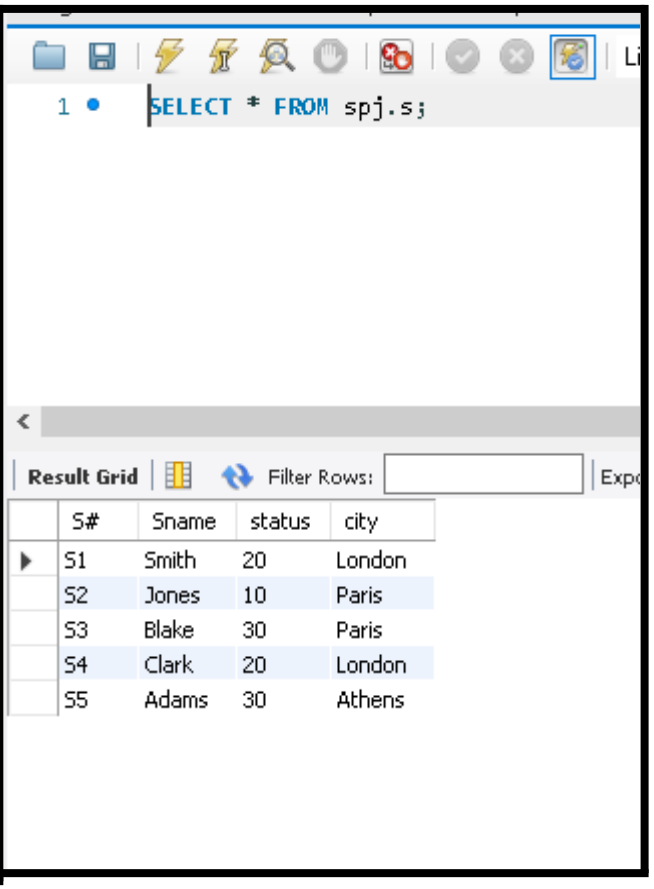


```
SELECT * FROM spj.sp;
```

Result Grid | Filter Rows:

S#	P#	J#	QTY
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

sp 1



```
SELECT * FROM spj.s;
```

Result Grid | Filter Rows:

S#	Sname	status	city
S1	Smith	20	London
S2	Jones	10	Paris
S3	Blake	30	Paris
S4	Clark	20	London
S5	Adams	30	Athens