DROP TABLE SPJ;

DROP TABLE S;

DROP TABLE P;

DROP TABLE J;

/\* CREATE TABLE S \*/

CREATE TABLE S(

S# varchar(2) NOT NULL,

SNAME varchar(10) NULL,

STATUS int NULL,

CITY varchar(10) NULL,

CONSTRAINT S\_S#\_pk PRIMARY KEY(S#));

/\* CREATE TABLE P \*/

CREATE TABLE P(

P# varchar(2) NOT NULL,

PNAME varchar(10) NULL,

COLOR varchar(8) NULL,

WEIGHT int NULL,

CITY varchar(10) NULL,

CONSTRAINT P\_P#\_pk PRIMARY KEY(P#));

/\* CREATE TABLE J \*/

CREATE TABLE J(

J# varchar(2) NOT NULL,

JNAME varchar(10) NULL,

CITY varchar(10) NULL,

CONSTRAINT J\_J#\_pk PRIMARY KEY(J#));

/\* CREATE TABLE SPJ \*/

CREATE TABLE SPJ (

S# varchar(2) NOT NULL,

P# varchar(2) NOT NULL,

J# varchar(2) NOT NULL,

QTY int NULL,

CONSTRAINT PK\_SPJ PRIMARY KEY(S#,P#,J#),

CONSTRAINT FK\_S\_SPJ FOREIGN KEY(S#) REFERENCES S(S#),

CONSTRAINT FK\_P\_SPJ FOREIGN KEY(P#) REFERENCES P(P#),

CONSTRAINT FK\_J\_SPJ FOREIGN KEY(J#) REFERENCES J(J#));

/\* INSERT VALUES TO S TABLE \*/

insert into S values ('s1','Smith',20,'London');

insert into S values ('s2','Jones',10,'Paris');

insert into S values ('s3','Blake',30,'Paris');

insert into S values ('s4','Clark',20,'London');

insert into S values ('s5','Adams',30,'Athens');

/\* INSERT VALUES TO P TABLE \*/

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 ('p4','Screw','Red',14,'London');

insert into P values ('p5','Cam','Blue',12,'Paris');

insert into P values ('p6','Cog','Red',19,'London');

/\* INSERT VALUES TO J TABLE \*/

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');

/\* INSERT VALUES TO SPJ TABLE \*/

insert into SPJ values ('s1', 'p1', 'j1',200);

insert into SPJ values ('s1', 'p1', 'j4',700);

insert into SPJ values ('s2', 'p3', 'j1',400);

insert into SPJ values ('s2', 'p3', 'j2',200);

insert into SPJ values ('s2', 'p3', 'j3',200);

insert into SPJ values ('s2', 'p3', 'j4',500);

insert into SPJ values ('s2', 'p3', 'j5',600);

insert into SPJ values ('s2', 'p3', 'j6',400);

insert into SPJ values ('s2', 'p3', 'j7',800);

insert into SPJ values ('s2', 'p5', 'j2',100);

insert into SPJ values ('s3', 'p3', 'j1',200);

insert into SPJ values ('s3', 'p4', 'j2',500);

insert into SPJ values ('s4', 'p6', 'j3',300);

insert into SPJ values ('s4', 'p6', 'j7',300);

insert into SPJ values ('s5', 'p2', 'j2',200);

insert into SPJ values ('s5', 'p2', 'j4',100);

insert into SPJ values ('s5', 'p5', 'j5',500);

insert into SPJ values ('s5', 'p5', 'j7',100);

insert into SPJ values ('s5', 'p6', 'j2',200);

insert into SPJ values ('s5', 'p1', 'j4',100);

insert into SPJ values ('s5', 'p3', 'j4',200);

insert into SPJ values ('s5', 'p4', 'j4',800);

insert into SPJ values ('s5', 'p5', 'j4',400);

insert into SPJ values ('s5', 'p6', 'j4',500);