

The Suppliers–Parts–Projects Database

(from C.J. Date’s “An Introduction to Database Systems”)

Schema:

S	<u>S#</u>	Sname	Status	City	
P	<u>P#</u>	Pname	Color	Weight	City
J	<u>J#</u>	Jname	City		
SPJ	<u>S#</u>	<u>P#</u>	<u>J#</u>	Qty	

Values:

S	<u>S#</u>	Sname	Status	City
	S1	Smith	20	London
	S2	Jones	10	Paris
	S3	Blake	30	Paris
	S4	Clark	20	London
	S5	Adams	30	Athens

P	<u>P#</u>	Pname	Color	Weight	City
	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

J	<u>J#</u>	Jname	City
	J1	Sorter	Paris
	J2	Display	Rome
	J3	OCR	Athens
	J4	Console	Athens
	J5	RAID	London
	J6	EDS	Oslo
	J7	Tape	London

SPJ	<u>S#</u>	<u>P#</u>	<u>J#</u>	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
	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