1. Show the full information for all Parts

SELECT \* FROM P;

PNO PNAME COLOR WEIGHT CITY

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P1 Nut Red 12 London

P2 Bolt Green 17 Paris

P3 Screw Blue 17 Oslo

P4 Screw Red 14 London

P5 Cam Blue 12 Paris

P6 Cog Red 19 London

(6 rows affected)

1. Show the supplier name and part name for orders for QTY greater than 300 (Using WHERE clauses)

SELECT SNAME,PNAME FROM S,P,SP WHERE QTY>300 AND S.SNO=SP.SNO AND P.PNO=SP.PNO;

SNAME PNAME

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Smith Screw

Jones Bolt

Clark Cam

(3 rows affected)

1. Show the supplier name and Part name for orders for QTY greater than 300 ( using JOIN ON with only one predicate in the WHERE clause)

SELECT S.SNAME,P.PNAME FROM SP JOIN S ON S.SNO=SP.SNO JOIN P ON P.PNO=SP.PNO WHERE QTY>300;

SNAME PNAME

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Smith Screw

Jones Bolt

Clark Cam

(3 rows affected)

1. Show cities that have red parts

SELECT DISTINCT P.CITY FROM SP INNER JOIN P ON P.PNO=SP.PNO WHERE COLOR='Red';

CITY

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London

(1 row affected)

1. How many cities were there in query 4 above ?

SELECT COUNT(DISTINCT P.CITY) AS 'Number of cities that have red parts' FROM SP JOIN P ON P.PNO=SP.PNO WHERE COLOR='Red';

Number of cities that have red parts

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1

(1 row affected)

1. What is the total number of red parts shipped.

SELECT COUNT(\*) AS 'Total number of parts shipped' FROM SP JOIN P ON P.PNO=SP.PNO WHERE COLOR='Red';

Total number of parts shipped

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5

(1 row affected)