

1.

```
SQL> select stockno, description, quantity
  2  from stocks
  3  where quantity > 20
  4  and storecode like 'CENT';
```

STOCKNO	DESCRIPTION	QUANTITY
103	Photocopying paper	30
106	Sellotape	21
107	Drawing pins	37
109	Window envelopes	22
113	HB pencils	22
115	12 inch rulers	23
121	Tipp-ex bottles	35

7 rows selected.

2.

```
SQL> select * from suppliers
  2  where postcode like 'NP%'
  3  or town = 'London';
```

SUPP	SUPPNAME	STREET	TOWN	COUNTY	POSTCODE	TELNO	FAXNO
S5	Legal Services Ltd.	Westway Road	London		N8 8PA	081 333 1246	081 333 5490
S3	Fastorder Stationers	Riverside View	Newport	Gwent	NP1 7XJ	0633 89898	0633 89899
S6	Business Systems Ltd.	155 Stradleigh Place	London		E10 6LL	081 535 3535	081 535 3355

3.

```
SQL> select storecode, count(stockno)
  2  from stocks
  3  where price > (select avg(price) from stocks)
  4  group by storecode;
```

STOREC	COUNT(STOCKNO)
TYP	4
IT	3
LEG	3

4.

```
SQL> select town
  2  from suppliers
  3  group by town
  4  having count(town) > =2;
```

TOWN
London

5.

```
SQL> select stocks.stockno, description, case when qtyord is null then 'no orders' else to_char(qtyord) end as "Orders"
2  from stocks, orderitems
3  where stocks.stockno = orderitems.stockno(+);
```

STOCKNO	DESCRIPTION	Orders
102	A4 headed paper	no orders
103	Photocopying paper	no orders
104	Coloured paper	no orders
105	Sticky labels	no orders
106	Sellotape	10
107	Drawing pins	no orders
108	Staples	10
109	Window envelopes	no orders
110	Large envelopes	no orders
111	Black ballpoints	10
112	Coloured pens	no orders

STOCKNO	DESCRIPTION	Orders
113	HB pencils	no orders
114	Fluorescent markers	no orders
115	12 inch rulers	no orders
116	3.5 in. floppy disks	10
117	5.25 in. floppy disks	10
118	Toner cartridges	no orders
119	FX-100 printer ribbon	no orders
121	Tipp-ex bottles	no orders
122	Typewriter ribbons	no orders
123	Audio cassettes	no orders
124	Anti-static wipes	no orders

STOCKNO	DESCRIPTION	Orders
126	Sealing wax	no orders
127	Red binding ribbon	no orders
128	A3 cream notary paper	no orders
129	Coloured ink	no orders
130	8 x 1 inch wood screws	no orders
131	10 x 1 inch wood screws	no orders
132	13 amp electrical wire	no orders
134	Electrical solder	no orders
135	White spirit	no orders
137	Masking tape	no orders
138	Door hinges	no orders

STOCKNO	DESCRIPTION	Orders
139	Angle brackets	no orders

34 rows selected.

6.

```
SQL> select Storecode
2  from stocks
3  where quantity >= (select max(quantity) from stocks);
```

STOREC

TYP

```
SQL> select stats_mode (storecode) from stocks;
```

STATS_

CENT

7.

Current Stock value by store				
10-DEC-19				
Prepared by HarryBatchelor				
Store Co	Item Des	Price	Quantity	Value
=====	=====	=====	=====	=====
CENT	Photocop	\$2.98	30	\$89.40
	A4 heade	\$4.11	17	\$69.87
	HB pencil	\$1.97	22	\$43.34
	Tipp-ex	\$.81	35	\$28.35
	Fluoresc	\$1.89	2	\$3.78
	Black ba	\$2.42	6	\$14.52
	Window e	\$2.15	22	\$47.30
	12 inch	\$.22	23	\$5.06
	Drawing	\$.47	37	\$17.39
	Sellotap	\$.45	21	\$9.45
	Staples	\$.42	11	\$4.62
*****	*****			-----
Store To				\$333.08
IT	5.25 in.	\$11.38	32	\$364.16
	3.5 in.	\$12.85	14	\$179.90
	Anti-sta	\$4.95	18	\$89.10
	Toner ca	\$32.99	7	\$230.93
*****	*****			-----
Store To				\$864.09
LEG	Coloured	\$3.65	17	\$62.05
	Large en	\$2.57	8	\$20.56
	Coloured	\$3.48	22	\$76.56
	A3 cream	\$7.85	21	\$164.85
	Red bind	\$6.47	13	\$84.11

	Sealing	\$7.99	9	\$71.91
*****	*****			-----
Store To				\$480.04
TYP	Coloured	\$5.15	13	\$66.95
	Audio ca	\$8.58	8	\$68.64
	Typewrit	\$6.19	16	\$99.04
	Sticky l	\$4.83	45	\$217.35
	FX-100 p	\$23.99	25	\$599.75
*****	*****			-----
Store To				\$1051.73
WORK	Door hin	\$2.14	24	\$51.36
	Masking	\$.49	8	\$3.92
	White sp	\$.98	6	\$5.88
	Electric	\$1.59	11	\$17.49
	13 amp e	\$1.84	22	\$40.48
	10 x 1 i	\$1.35	13	\$17.55
	8 x 1 in	\$2.85	8	\$22.80
	Angle br	\$2.85	18	\$51.30
*****	*****			-----
Store To				\$210.78
			1	

Current Stock value by store				
10-DEC-19				
Prepared by HarryBatchelor				
Store Co	Item Des	Price	Quantity	Value
=====	=====	=====	=====	=====
Grand To				\$2939.72

```

Clear screen;
Accept Report_file char prompt "Enter a file name for summary report";
Col StoreCode format A8 heading "Store Code";
Col Description format A8 heading "Item Description";
Col Price format $999999.99 heading "Price";
Col Quantity format 99999 heading "Quantity";
Col (Price*Quantity) format $999999.99 heading "Value";
Set pause off;
Set feedback off;
Set space 6;
Set newpage 4;
Set pagesize 100;
Set linesize 100;
Set wrap off;
Set underline =;
Title center "Current Stock value by store" skip 2 center - center _Date skip 2 - center "Prepared by " &your_name;
Btitle center format 999 sql.pno;
Break on StoreCode skip 2 on Description skip 1 on report;
Compute sum label 'Store Total' of (Price*Quantity) on StoreCode;
Compute sum label 'Grand Total' of (Price*Quantity) on Report;
Select StoreCode, Description, Price, Quantity, (Price*Quantity)
From stocks
order by StoreCode, SuppCode;
spool off;
Clear break;
Clear columns;
Clear computes;
set Pause on;

```