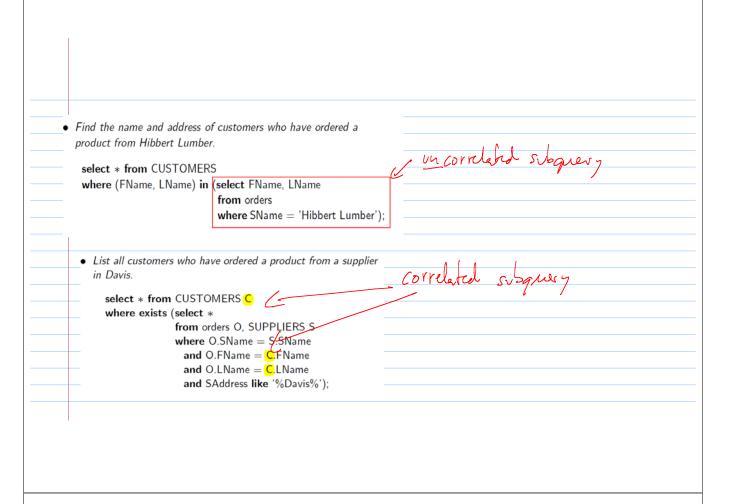
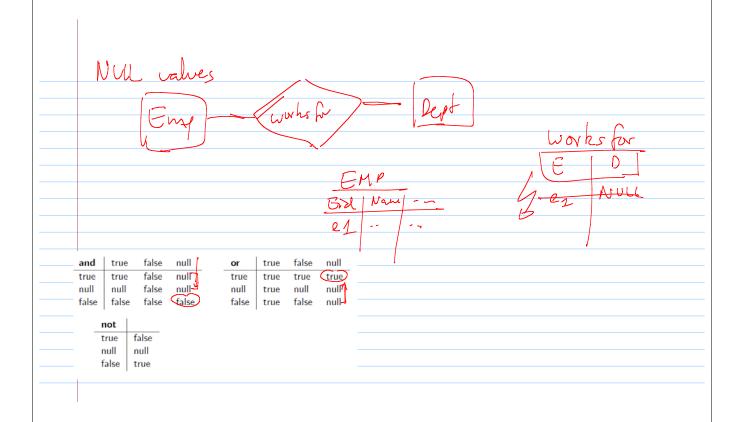
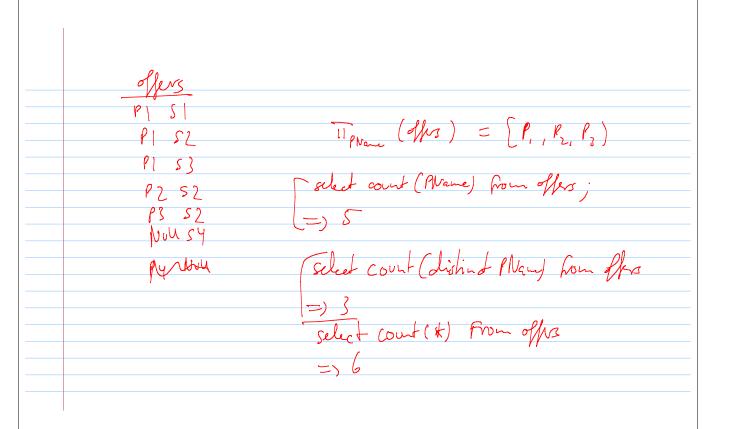
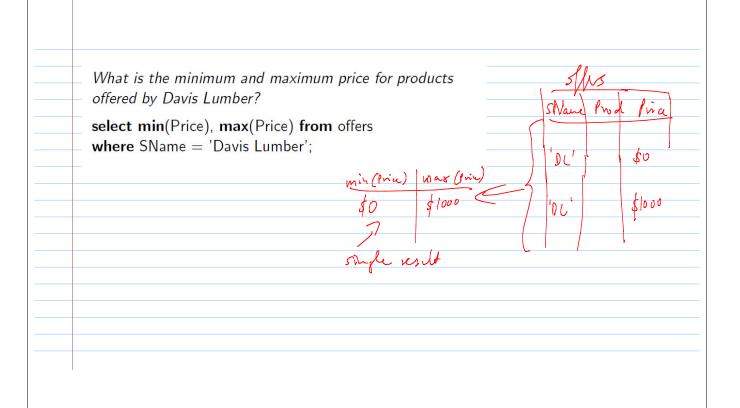


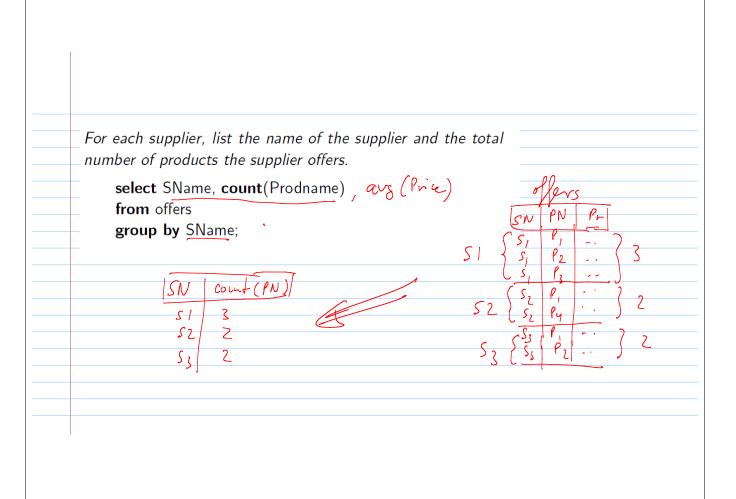
• Give all pairs of suppliers that offer exactly the same products.
select distinct 01. SName, 02. SName from offers 01, offers 02 where [01. SName < 02. SName (i) 01. SN <> 02. SN and not exists (((select Prodname)))
from offers where SName = (01).SName) Cayupt minus (select Prodname from offers SName SN
where SName = (D).SName) union ((select Prodname from offers
where SName = (0). SName) minus (select Prodname from offers where SName = (01). SName)
order by 01. SName, 02. SName;

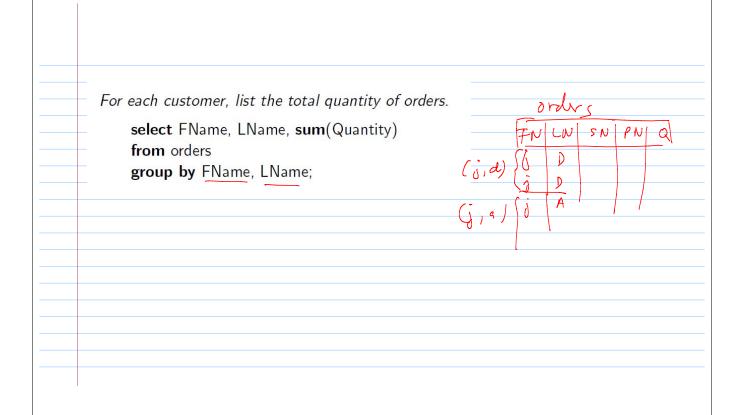










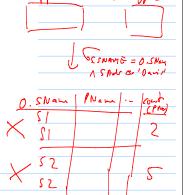


 $\begin{array}{l} \textbf{select} < \textbf{attribute(s)} \; [\textbf{with aggregate function}] > \\ \textbf{from} \; R_1, R_2, \dots, R_m \\ [\textbf{where} \; P] \\ \textbf{group by} < \textbf{grouping attribute(s)} > \\ [\textbf{having} < \textbf{condition on group} >]; \\ \end{array}$

List all suppliers from Davis that offer more than 10 products.

- \forall **select** O.SName, **count**(Prodname)
- from SUPPLIERS S, offers O
- 2. group by O.SName
- $\frac{1}{2}$ having count(Prodname) > 10;

O. S. Nan	(Conf (Prod Name)
\ S ₂	17
2	
87	20
•	



20

What is the minimum total quantity of all orders for a product? select [min]sum(Quantity)) from orders group by Prodname; Select Pudnam, Sem (Quantity) from orders group by Indinane	0 volvs PN Q P1 2 3 6 P2 2 3 4 P2 2 3 4
from overs group by hod name; Pl 6 miss (rom Qahis) Pl 4 = y Pl 7 7	13