1111111 4 seject distinct Edept from employee E whore Edept < z 'Management' and Edept not in (select Edept from employee E, employee M trouslates to where E, superviser d = M ld and E, salary >= M. sky); -> select 81. dept from ((select dept from employee where dept <> 'Management') except (select edept from employee E, employee M where E. superviserid = Mid and E. salary >= M. salary )) as Bli Telept (Thept (Scipt + hungement (E)) - Thept (EN. E. superviser id = Mid M)) 5 5. select & from supplier s where not exists (select & from Hem I where I.type='N' and not exists. Cselet \* from delivery D where Ditem = I. Mame **3** and p. supplier = S.id))i translates to -> Select S.id, s.name from Supplier S except X select g.id, a.name from 1 (select s.id, s. name as name, I. more as item from supplier S, 4 "tem I where I.type='N' (except) (select S.id, S. None, I, name (1) Supplier S, item I, delivery D were Ditem = I rame and D. supplier = s.id)) as &); Tid, name (Tid, name (S) - Iid, s, name (Tsid, s, name, F, name (SI, type=1)) TI 0,1 - (Tsids, rare, I rare (D& Diton=Irane I) N Bisupplier=5,125111) 9 0) 6. select distinct D. supplier, s, name from supplier S, delivery D where D. supplier = S.id and D. item <> compass! and D. Supplier in (select D. supplier from delivery D where D. Hem = 'Compass'); Select distinct D. Supplier, S. name from supplier S, delivery D, delivery D1 11 where D. supplier = Sid and D. item <> 'compass' and D. supplier = D1. supplier and pliten= compass; (5x D x 0, )) Tsupplier, nume ( 5 Dsuppliers & d 1 D. Hem <> 'Compais' 1 D. Supplier = DI, Supplier A DI iten = COMPLES'

select Dinane from dept D where Diname not in (Select Dinane from deput to where exists (select + + from item I where I, type = 'N' and Exists (select \* from Sale S where Sidelpt = D. Name and sitem = Iname (); select name from dept except (select diname from dept D, item I, sale S where I, type = 'N' and Sidept = D. none and sitem = I, none) Trame (D) - Trame (OI, type=W! (DX IXS)) 1 Sitem= I name select snome from supplier s where exists (select & from dept D. where D. floor= 2 and not exists (select \* from "tem I! where Itype='c' and not exists (select x from delivery V where V. supplier = 5. id and Vitem = I name o and Vidept = Drame)); translates to 22, name from ((select s. name as name, d. name as dept) se last from supplier S, dept D where D. floor = 2) (except) (select grame, gleid from (select s. name as name, I name as name 2, D. name as dept from supplier S, dept D, item I where I type = 'C' except Oselect S. name, I name, I name from Supplier S. dept D. item I, delivery V where V. Supplier = s. id and V. Hem = J. name and V. dept = D. name )) as 4, ) as 42 To name (T sname , D. name (5 Dfbur= 2 (5 xD)) - TLS. rome, D. name (TLS. name, I, name, D. rate (5; type='c1 (SXDXI)) - TISMANE, I rame, D. rame (TV, supplier = Sid (SXDXIXV)))) 1 Vitem = I, name 1 Vidept = D. name

9. select distinct s, name as "supplier", I, name as "Item" from supplier S, item I, delivery VI where S, id = VI, Supplier and Villem = I name and I name not in (spland V2. item from delivery V2 um where V2. supplier <> V1. supplier); -translates to -> (select distinct I name, s name from Supplier S, Hem I, delivery U where 5.id = Ul-upplier and VI, item = I, name ) except) (select distinct I none, sinone from Supplier Si delivery VI idelivery 12, Hem I where s.id=VI. supplier and VI. item = I. name and VI. supplier <> V2 supplier and I name = 1/2, item ); TI, name, s, name (TI, name, s, name (55. id=VI, supplier (5 x I XVI))-, NVI. item = I, name - TIname, siname (55.id = VI Supplier (5xVI XV2 X I))) 1 VI, supplier & V2, supplier 1 I, name = Va, item