Example of a View in CAP2

create view AgentOrders (ordno, mon, cid, aid, pid, qty, charge, aname, acity, pct) as
    select o.ordno, o.mon, o.cid, o.aid, o.pid, o.qty, o.dollars, a.aname, a.city, a.pct
    from orders o,
        agents a
    where o.aid = a.aid

select *
from AgentOrders

Now can write the query:

select sum(charge)
from AgentOrders
where acity = 'New York'

The database system basically turns this query into:

select sum(o.dollars)
from orders o,
    agents a
where o.aid = a.aid
    and a.city = 'New York'