**Query 1**: π clientid, petid, petname (σ visitdate != visitdate2 (pets ᐅᐊ visits ᐅᐊ clients ᐅᐊ (ρ visitdate ➡ visitdate2 (visits))))

**Query 2:** ((π vetid (vets))-(π vetid (visits)))ᐅᐊvets

**Query 3**: π visitdate ((visitsᐅᐊ(σ pettype == 'dog' (pets)))ᐅᐊ(σ vetname == 'who' (vets)))

**Query 4**: π clientid, clientname (σ clientcity=='houston' (clients))

**Query 5**: π clientid, clientname (σ pettype2 == 'cat' and pettype == 'dog' (π clientid, pettype, clientname ((σ pettype == 'dog' (pets))ᐅᐊclients)ᐅᐊρ pettype➡pettype2(π clientid, pettype, clientname ((σ pettype == 'cat' (pets))ᐅᐊclients))))

**Query 6**: π clientid, clientname (σ clientcity != vetcity (clientsᐅᐊvisitsᐅᐊvets))

**Query 7**: π clientid, clientname (σ clientcity == vetcity ((σ vetname == 'spock' (vets))ᐅᐊclients))

**Query 8**: π petname (σ pettype=='dog' or pettype =='cat' (pets))