10120119

Eric Altenburg

CS - 442

- 1. 1) Togame (Guest M (Ofrom Pore >= 'Jonoi' A From Dore = 'Jon 31' A Typer = '2019'

 (Booking)) & (Theiry = 'NYC' (Hotel)))
 - 2) Tigname (Guest M (OnoofDeys > 10 (Booking)) M (Otype = 'suite' (Room)) M (Oncity = 'NYC' (Hotel)))
 - 3) p (less Five, TgId (ono Of Days <= 5 (Booking)))

 p (greater Five, TgId (ono Of Days > 5 (Booking)))

 Tgnome (Guest M (less Five greater Five))
 - 4) p (all B. Thid (Booking))

 p (yes B., Thid (Tyear = 120131 (Booking)))

 p (htype, Thid (Therry = 'NYC1 (Hotel)))

 Thid (GIB-yes B) & htype)
 - p (rooms, Tiged, hid (otype = 'suite' (Booking & Room)))

 p (hotels NYC , Tinid (others = 'NYC' (Hotel)))

 Tigid (rooms / hotels NYC)
- Z. 1) SELECT E.enome, E.age

 FROH EMPE, Dept D, Works W

 WHERE D.dname = 'Hordwore' AND E.eid = W.eid AND W.did = D.di'd

 INTERSECT

 SELECT E.enome, E.age

 FROH EMPE, Dept D, Works W

WHERE D. dname = 'Software' AND E.eid = W.eid AND W.did = D.dld

- 2. 2) SELECT D. managerid

 FROM Dept D

 GROUP BY D. managerid

 HAVING SUM (Budget) >= ALL (SELECT SUM (DI. budget)

 FROM Dept DI

 GROUP BY DI. managerid)
 - 3) SELECT D. managerial
 FROM Dept D

 WHERE D. managerial NOT IN (SELECT D1. managerial
 FROM Dept D1

 WHERE D1. budget (1000000)
 - 4) SELECT Elenome

 FROM Emp E

 WHERE E-solory >= All (SELECT D.budget

 FROM Dept D NJ Works W

 WHERE E-eid = W.eid)
 - 5) SELECT E, enome

 FROM Emp E, Dept D

 WHERE E.eid = D.monogerid AND D.budget = (SELECT MAX(D1.budget))

 FROM Dept D1)
- 3. 1) a) Tid, address, asking-price, selling-price (Jasking-price > selling-price (House & Sold))
 - b) p (hoold, Theme, in (Buyer M buyer, id = sold. buyer-id (sold)))
 Thame ((Theme, id (Buyer)) hoold)

WHERE H.id = S. nouse_id

GROUP BY H. postal - cods

HAVING COUNT (A) >= 3

b) SELECT DISTINCT (H. address, H. asking. price)

FROM House H

WHERE H. beds >= 4 AND H. boths >= 2 AND NOT EXISTS (SELECT +

FROM Sold 5

WHERE H.id = S. nouse-ia)

I pledge my honor that I have abided by the Stevens Honor System. - En thisty