Adrian Grimm

Chapter 12 Hands On Assignment

1.

SELECT title, retail

FROM books

WHERE retail <ALL (SELECT AVG (retail)

FROM books);

2.

SELECT a.title, b.category, a.cost

FROM books a, (SELECT category, AVG(cost) avcost

FROM books

GROUP BY category) b

WHERE a.category = b.category

AND a.cost < b.avcost;

3.

SELECT Order#

FROM Orders

WHERE ShipState = (SELECT shipstate

FROM orders

WHERE order# = 1014);

4.

SELECT order#, SUM(quantity \* paideach) "SUM"

FROM orderitems

GROUP BY order#

HAVING SUM(quantity \* paideach) >(SELECT SUM(quantity \* paideach)

FROM orderitems

WHERE order# = 1008);

5.

SELECT Fname || ' ' || Lname "Name"

FROM author JOIN bookauthor USING (authorid)

WHERE isbn IN(SELECT isbn

FROM orderitems

GROUP BY isbn

HAVING SUM(quantity) = (SELECT MAX(COUNT(\*))

FROM orderitems

GROUP BY isbn));

6.

Select title

From Books

Where category IN (Select Distinct Category

From Books Join orderitems using (isbn)

JOIN Orders Using (order#)

Where customer# = 1007)

AND isbn NOT IN (Select isbn

From orders Join Orderitems Using (order#)

Where customer# = 1007);

7.

SELECT order#, shipcity || ', ' || shipstate

FROM orders

WHERE shipdate - orderdate = (SELECT MAX (shipdate-orderdate)

FROM orders);

8.

SELECT c.firstname || ' ' || c.lastname "Name", b.title

FROM customers c JOIN orders o USING (customer#)

JOIN orderitems oi USING (order#)

JOIN books b USING (isbn)

WHERE retail = (SELECT MIN(retail)

FROM books);

9.

SELECT COUNT(DISTINCT customer#)

FROM customers JOIN orders USING (customer#)

JOIN orderitems USING (order#)

WHERE isbn IN (SELECT isbn

FROM books JOIN bookauthor USING (isbn)

JOIN author USING (authorid)

WHERE lname = 'AUSTIN'

AND fname = 'JAMES');

10.

SELECT title

FROM books

WHERE pubid = (SELECT pubid

FROM books

WHERE title = 'THE WOK WAY TO COOK');