Adrian Grimm

Chapter 9 Hands On Assignment

1. SELECT title, name, phone

FROM Books b, Publisher p

WHERE b.pubid = p.pubid;

SELECT title, name, Publisher

FROM Books b JOIN Publisher p

ON b.pubid = p.pubid;

2. SELECT Lastname, FirstName, Order#

FROM Customers c, Orders o

WHERE c.Customer# = o.Customer# AND o.ShipDate = NULL

ORDER BY OrderDate;

SELECT LastName, FirstName, Order#

FROM Customers c JOIN Orders o

ON c.Customer# = o.Customer#

AND o.ShipDate = NULL

ORDER BY o.ShipDate;

3. SELECT Customer#, LastName, FirstName

FROM Customers c, orders o, books b, OrderItems oi

Where c.Customer# = o.Customer#

AND o.Order# = oi.Order#

AND oi.ISBN = b.ISBN

AND c.State = 'FL' AND b.Category = 'COMPUTER';

SELECT Customer#, FirstName, LastName

FROM Customers c JOIN Orders o USING (Customer#)

JOIN OrderItems oi USING (Order#)

JOIN Books b USING (ISBN)

WHERE c.State = 'FL' AND b.Category = 'COMPUTER';

4. SELECT DISTINCT title, LastName, FirstName

FROM Books b, Customers c, Orders o, OrderItems oi

WHERE c.LastName = 'LUCAS' AND c.FirstName = 'JAKE'

AND c.Customer# = o.Customer#

AND o.Order# = oi.Order#

AND oi.ISBN = b.ISBN;

SELECT DISTINCT Title, LastName, FirstName

FROM Customers c JOIN Orders o USING (Customer#)

JOIN OrderItems oi USING (Order#)

JOIN Books b USING (ISBN)

WHERE c.LastName = 'LUCAS' AND c.FirstName = 'JAKE';

5. SELECT b.Title, o.OrderDate, (oi.PaidEach - b.Cost) PROFIT

FROM Books b, Customers c, Orders o, OrderItems oi

WHERE c.LastName = 'LUCAS' AND c.FirstName = 'JAKE'

AND c.Customer# = o.Customer#

AND o.Order# = oi.Order#

AND oi.ISBN = b.ISBN

ORDER BY OrderDate, PROFIT DESC;

SELECT b.Title, o.OrderDate (oi.PaidEach - b.Cost) PROFIT

FROM Customers c JOIN Orders o USING (Customer#)

JOIN OrderItems oi USING (Order#)

JOIN Books b USING (ISBN)

WHERE c.LastName = 'LUCAS' AND c.FirstName = 'JAKE'

ORDER BY OrderDate, PROFIT DESC;

6. SELECT b.Title

FROM Books b, BookAuthor ba, Authors a

WHERE b.ISBN = ba.ISBN

AND ba.AuthorID = a.AuthorID

AND a.LastName = 'ADAMS';

SELECT b.Title

FROM Books b JOIN BookAuthor ba USING (ISBN)

JOIN Author a USING (AuthorID)

WHERE a.LastName = 'ADAMS';

7. SELECT p.Gift

FROM Promotions p, Books b

WHERE b.Retail BETWEEN p.Minretail and p.Maxretail

AND b.Title = 'SHORTEST POEMS';

SELECT p.Gift

FROM Books b JOIN Promotions p

ON b.Retail BETWEEN p.Minretail and p.Maxretail

WHERE b.Title = 'SHORTEST POEMS';

8. SELECT a.LastName, a.FirstName

FROM Author a, BookAuthor ba, Customers c, Orders o, OrderItems oi

WHERE c.Customer# = o.Customer#

AND o.Order# = oi.Order#

AND oi.ISBN = ba.ISBN

AND ba.AuthorID = a.AuthorID

WHERE c.LastName = 'NELSON' AND c.FirstName = 'BECCA';

SELECT a.LastName, a.FirstName

FROM Customers c JOIN Orders o USING (Customer#)

JOIN OrderItems oi USING (Order#)

JOIN BookAuthor ba USING (ISBN)

JOIN Author a USING (AuthorID)

WHERE c.LastName = 'NELSON' AND c.FirstName = 'BECCA';

9. SELECT b.Title, o.Order#, c.State

FROM Books b, Customers c, Orders o, OrderItems oi

WHERE c.Customer#(+) = o.Customer#

AND o.Order#(+) = oi.Order#

AND oi.ISBN(+) = b.ISBN;

SELECT. Title, o.Order#, c.State

FROM Customers c LEFT OUTER JOIN Orders o USING (Customer#)

LEFT OUTER JOIN OrderItems oi USING (Order#)

LEFT OUTER JOIN Books b USING (ISBN);

10. SELECT e.FName || ' ' || e.LName "Employee Name", e.Job,

m.FName || ' ' || m.LName "Manager Name"

FROM Employees e, Employees m

WHERE m.MGR = e.empno(+);