*Edson Sanchez* CIT/ITI-2180 Foundations of Data and Database Management

**9-6 (show both ANSI and traditional)**

SELECT

title,

lname

|| ', '

|| fname author

FROM

books

JOIN bookauthor USING ( isbn )

JOIN author USING ( authorid )

WHERE

lname = 'ADAMS';

TITLE AUTHOR

DATABASE IMPLEMENTATION ADAMS, JUAN

SELECT

title,

lname

|| ', '

|| fname author

FROM

books b,

bookauthor ba,

author a

WHERE

b.isbn = ba.isbn

AND ba.authorid = a.authorid

AND lname = 'ADAMS';

TITLE AUTHOR

DATABASE IMPLEMENTATION ADAMS, JUAN

**9-7 (show both ANSI and traditional)**

SELECT

title,

gift

FROM

books

JOIN promotion ON retail BETWEEN minretail AND maxretail

WHERE

title = 'SHORTEST POEMS';

TITLE GIFT

SHORTEST POEMS BOOK COVER

SELECT

title,

gift

FROM

books b,

promotion p

WHERE

b.retail BETWEEN p.minretail AND p.maxretail

AND title = 'SHORTEST POEMS';

TITLE GIFT

SHORTEST POEMS BOOK COVER

**9-8 (show both ANSI and traditional)**

SELECT

lastname

|| ', '

|| firstname customer,

order#,

title,

lname

|| ', '

|| fname author

FROM

customers

JOIN orders USING ( customer# )

JOIN orderitems USING ( order# )

JOIN books USING ( isbn )

JOIN bookauthor USING ( isbn )

JOIN author USING ( authorid )

WHERE

lastname = 'NELSON'

AND firstname = 'BECCA';

CUSTOMER ORDER# TITLE AUTHOR

NELSON, BECCA 1012 BIG BEAR AND LITTLE DOVE ROBINSON, ROBERT

NELSON, BECCA 1012 HANDCRANKED COMPUTERS WHITE, WILLIAM

NELSON, BECCA 1012 HANDCRANKED COMPUTERS WHITE, LISA

NELSON, BECCA 1012 PAINLESS CHILD-REARING BAKER, JACK

NELSON, BECCA 1012 PAINLESS CHILD-REARING FIELDS, OSCAR

NELSON, BECCA 1012 PAINLESS CHILD-REARING ROBINSON, ROBERT

NELSON, BECCA 1012 REVENGE OF MICKEY JONES, JANICE

7 rows selected.

SELECT

lastname

|| ', '

|| firstname customer,

o.order#,

title,

lname

|| ', '

|| fname author

FROM

customers c,

orders o,

orderitems oi,

books b,

bookauthor ba,

author a

WHERE

c.customer# = o.customer#

AND o.order# = oi.order#

AND oi.isbn = b.isbn

AND b.isbn = ba.isbn

AND ba.authorid = a.authorid

AND lastname = 'NELSON'

AND firstname = 'BECCA';

CUSTOMER ORDER# TITLE AUTHOR

NELSON, BECCA 1012 BIG BEAR AND LITTLE DOVE ROBINSON, ROBERT

NELSON, BECCA 1012 HANDCRANKED COMPUTERS WHITE, WILLIAM

NELSON, BECCA 1012 HANDCRANKED COMPUTERS WHITE, LISA

NELSON, BECCA 1012 PAINLESS CHILD-REARING BAKER, JACK

NELSON, BECCA 1012 PAINLESS CHILD-REARING FIELDS, OSCAR

NELSON, BECCA 1012 PAINLESS CHILD-REARING ROBINSON, ROBERT

NELSON, BECCA 1012 REVENGE OF MICKEY JONES, JANICE

7 rows selected.

**9-9 (show both ANSI and traditional)**

SELECT

title,

order#,

customer#,

state

FROM

customers

JOIN orders USING ( customer# )

JOIN orderitems USING ( order# )

RIGHT JOIN books USING ( isbn )

ORDER BY

order# DESC;

TITLE ORDER# CUSTOMER# STATE

HOW TO GET FASTER PIZZA

THE WOK WAY TO COOK

BUILDING A CAR WITH TOOTHPICKS

COOKING WITH MUSHROOMS 1020 1008 WY

REVENGE OF MICKEY 1019 1018 GA

COOKING WITH MUSHROOMS 1018 1001 FL

DATABASE IMPLEMENTATION 1018 1001 FL

BIG BEAR AND LITTLE DOVE 1017 1015 FL

PAINLESS CHILD-REARING 1016 1003 FL

COOKING WITH MUSHROOMS 1015 1020 NJ

REVENGE OF MICKEY 1014 1007 TX

DATABASE IMPLEMENTATION 1013 1014 WY

BIG BEAR AND LITTLE DOVE 1012 1017 MI

HANDCRANKED COMPUTERS 1012 1017 MI

PAINLESS CHILD-REARING 1012 1017 MI

REVENGE OF MICKEY 1012 1017 MI

PAINLESS CHILD-REARING 1011 1010 GA

DATABASE IMPLEMENTATION 1010 1019 NJ

REVENGE OF MICKEY 1009 1005 WA

COOKING WITH MUSHROOMS 1009 1005 WA

COOKING WITH MUSHROOMS 1008 1004 ID

HOLY GRAIL OF ORACLE 1007 1007 TX

E-BUSINESS THE EASY WAY 1007 1007 TX

DATABASE IMPLEMENTATION 1007 1007 TX

BIG BEAR AND LITTLE DOVE 1007 1007 TX

E-BUSINESS THE EASY WAY 1006 1003 FL

SHORTEST POEMS 1005 1018 GA

PAINLESS CHILD-REARING 1004 1020 NJ

DATABASE IMPLEMENTATION 1003 1001 FL

COOKING WITH MUSHROOMS 1003 1001 FL

BODYBUILD IN 10 MINUTES A DAY 1003 1001 FL

DATABASE IMPLEMENTATION 1002 1011 IL

HOW TO MANAGE THE MANAGER 1001 1010 GA

PAINLESS CHILD-REARING 1001 1010 GA

COOKING WITH MUSHROOMS 1000 1005 WA

35 rows selected.

SELECT

title,

o.order#,

c.customer#,

state

FROM

customers c,

orders o,

orderitems oi,

books b

WHERE

c.customer#(+) = o.customer#

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

AND oi.isbn(+) = b.isbn

ORDER BY

o.order# DESC;

TITLE ORDER# CUSTOMER# STATE

BUILDING A CAR WITH TOOTHPICKS

THE WOK WAY TO COOK

HOW TO GET FASTER PIZZA

COOKING WITH MUSHROOMS 1020 1008 WY

REVENGE OF MICKEY 1019 1018 GA

COOKING WITH MUSHROOMS 1018 1001 FL

DATABASE IMPLEMENTATION 1018 1001 FL

BIG BEAR AND LITTLE DOVE 1017 1015 FL

PAINLESS CHILD-REARING 1016 1003 FL

COOKING WITH MUSHROOMS 1015 1020 NJ

REVENGE OF MICKEY 1014 1007 TX

DATABASE IMPLEMENTATION 1013 1014 WY

BIG BEAR AND LITTLE DOVE 1012 1017 MI

PAINLESS CHILD-REARING 1012 1017 MI

HANDCRANKED COMPUTERS 1012 1017 MI

REVENGE OF MICKEY 1012 1017 MI

PAINLESS CHILD-REARING 1011 1010 GA

DATABASE IMPLEMENTATION 1010 1019 NJ

REVENGE OF MICKEY 1009 1005 WA

COOKING WITH MUSHROOMS 1009 1005 WA

COOKING WITH MUSHROOMS 1008 1004 ID

E-BUSINESS THE EASY WAY 1007 1007 TX

BIG BEAR AND LITTLE DOVE 1007 1007 TX

HOLY GRAIL OF ORACLE 1007 1007 TX

DATABASE IMPLEMENTATION 1007 1007 TX

E-BUSINESS THE EASY WAY 1006 1003 FL

SHORTEST POEMS 1005 1018 GA

PAINLESS CHILD-REARING 1004 1020 NJ

DATABASE IMPLEMENTATION 1003 1001 FL

BODYBUILD IN 10 MINUTES A DAY 1003 1001 FL

COOKING WITH MUSHROOMS 1003 1001 FL

DATABASE IMPLEMENTATION 1002 1011 IL

HOW TO MANAGE THE MANAGER 1001 1010 GA

PAINLESS CHILD-REARING 1001 1010 GA

COOKING WITH MUSHROOMS 1000 1005 WA

35 rows selected.

**9-10 (show both ANSI and traditional)**

SELECT

e.lname

|| ', '

|| e.fname employee,

e.job,

m.lname

|| ', '

|| m.fname manager

FROM

employees e

JOIN employees m ON e.mgr = m.empno

ORDER BY

manager;

EMPLOYEE JOB MANAGER

STUART, SUE MTech1 JONES, LARRY

POTTS, JIM GTech1 KING, BEN

JONES, LARRY MTech2 KING, BEN

SMITH, SAM GTech1 KING, BEN

SELECT

e.lname

|| ', '

|| e.fname employee,

e.job,

m.lname

|| ', '

|| m.fname manager

FROM

employees e,

employees m

WHERE

e.mgr = m.empno

ORDER BY

manager;

EMPLOYEE JOB MANAGER

STUART, SUE MTech1 JONES, LARRY

POTTS, JIM GTech1 KING, BEN

JONES, LARRY MTech2 KING, BEN

SMITH, SAM GTech1 KING, BEN