*Victor Martinez Castro* ITI-2180 Foundations of Data and Database Management

**Problem A (traditional)**

SELECT

title,

name,

phone

FROM

books b,

publisher p

WHERE

b.pubid = p.pubid;

TITLE NAME PHONE

------------------------------ ----------------------- ------------

REVENGE OF MICKEY PRINTING IS US 000-714-8321

HOW TO MANAGE THE MANAGER PRINTING IS US 000-714-8321

E-BUSINESS THE EASY WAY PUBLISH OUR WAY 010-410-0010

BUILDING A CAR WITH TOOTHPICKS PUBLISH OUR WAY 010-410-0010

HOLY GRAIL OF ORACLE AMERICAN PUBLISHING 800-555-1211

DATABASE IMPLEMENTATION AMERICAN PUBLISHING 800-555-1211

HANDCRANKED COMPUTERS AMERICAN PUBLISHING 800-555-1211

COOKING WITH MUSHROOMS READING MATERIALS INC. 800-555-9743

THE WOK WAY TO COOK READING MATERIALS INC. 800-555-9743

HOW TO GET FASTER PIZZA READING MATERIALS INC. 800-555-9743

BODYBUILD IN 10 MINUTES A DAY READING MATERIALS INC. 800-555-9743

TITLE NAME PHONE

------------------------------ ----------------------- ------------

PAINLESS CHILD-REARING REED-N-RITE 800-555-8284

BIG BEAR AND LITTLE DOVE REED-N-RITE 800-555-8284

SHORTEST POEMS REED-N-RITE 800-555-8284

14 rows selected.

**Problem B (ANSI)**

SELECT

title,

name,

phone

FROM

books

JOIN publisher USING ( pubid );

TITLE NAME PHONE

------------------------------ ----------------------- ------------

REVENGE OF MICKEY PRINTING IS US 000-714-8321

HOW TO MANAGE THE MANAGER PRINTING IS US 000-714-8321

E-BUSINESS THE EASY WAY PUBLISH OUR WAY 010-410-0010

BUILDING A CAR WITH TOOTHPICKS PUBLISH OUR WAY 010-410-0010

HOLY GRAIL OF ORACLE AMERICAN PUBLISHING 800-555-1211

DATABASE IMPLEMENTATION AMERICAN PUBLISHING 800-555-1211

HANDCRANKED COMPUTERS AMERICAN PUBLISHING 800-555-1211

COOKING WITH MUSHROOMS READING MATERIALS INC. 800-555-9743

THE WOK WAY TO COOK READING MATERIALS INC. 800-555-9743

HOW TO GET FASTER PIZZA READING MATERIALS INC. 800-555-9743

BODYBUILD IN 10 MINUTES A DAY READING MATERIALS INC. 800-555-9743

TITLE NAME PHONE

------------------------------ ----------------------- ------------

PAINLESS CHILD-REARING REED-N-RITE 800-555-8284

BIG BEAR AND LITTLE DOVE REED-N-RITE 800-555-8284

SHORTEST POEMS REED-N-RITE 800-555-8284

14 rows selected.

**Problem C (traditional)**

SELECT

order#,

firstname,

lastname,

orderdate

FROM

customers c,

orders o

WHERE

c.customer# = o.customer#

AND shipdate IS NULL

ORDER BY

orderdate;

ORDER# FIRSTNAME LASTNAME ORDERDATE

---------- ---------- ---------- ---------

1012 BECCA NELSON 03-APR-19

1015 KENNETH FALAH 04-APR-19

1016 LEILA SMITH 04-APR-19

1018 BONITA MORALES 05-APR-19

1020 KENNETH JONES 05-APR-19

1019 GREG MONTIASA 05-APR-19

1021 JORGE PEREZ 20-JUL-19

1025 TAMMY GIANA 13-OCT-22

1026 TAMMY GIANA 14-OCT-22

9 rows selected.

**Problem D (ANSI)**

SELECT

order#,

firstname,

lastname,

orderdate

FROM

customers

JOIN orders USING ( customer# )

WHERE

shipdate IS NULL

ORDER BY

orderdate;

ORDER# FIRSTNAME LASTNAME ORDERDATE

---------- ---------- ---------- ---------

1012 BECCA NELSON 03-APR-19

1015 KENNETH FALAH 04-APR-19

1016 LEILA SMITH 04-APR-19

1018 BONITA MORALES 05-APR-19

1020 KENNETH JONES 05-APR-19

1019 GREG MONTIASA 05-APR-19

1021 JORGE PEREZ 20-JUL-19

1025 TAMMY GIANA 13-OCT-22

1026 TAMMY GIANA 14-OCT-22

9 rows selected.

**Problem E (traditional)**

SELECT DISTINCT

firstname,

lastname

FROM

customers c, orders o, orderitems oi, books b

WHERE

c.customer# = o.customer#

and o.order# = oi.order#

and oi.isbn = b.isbn

and( state like 'FL'

and category like 'COMPUTER');

FIRSTNAME LASTNAME

---------- ----------

BONITA MORALES

LEILA SMITH

**Problem F (ANSI)**

SELECT DISTINCT

firstname,

lastname

FROM

customers

JOIN orders USING ( customer# )

JOIN orderitems USING ( order# )

JOIN books USING ( isbn )

WHERE

state LIKE 'FL'

AND category LIKE 'COMPUTER';

FIRSTNAME LASTNAME

---------- ----------

LEILA SMITH

BONITA MORALES

**Problem G (traditional)**

SELECT DISTINCT

title

FROM

customers c,

orders o,

orderitems oi,

books b

WHERE

c.customer# = o.customer#

AND o.order# = oi.order#

AND oi.isbn = b.isbn

AND c.firstname LIKE 'JAKE'

AND c.lastname LIKE 'LUCAS';

TITLE

------------------------------

HOW TO MANAGE THE MANAGER

PAINLESS CHILD-REARING

**Problem H (ANSI)**

SELECT DISTINCT

title

FROM

customers

JOIN orders USING ( customer# )

JOIN orderitems USING ( order# )

JOIN books USING ( isbn )

WHERE

firstname LIKE 'JAKE'

AND lastname LIKE 'LUCAS';

TITLE

------------------------------

HOW TO MANAGE THE MANAGER

PAINLESS CHILD-REARING

**Problem I (traditional)**

SELECT

b.title,

oi.paideach - cost AS profit

FROM

customers c,

orders o,

orderitems oi,

books b

WHERE

c.customer# = o.customer#

AND o.order# = oi.order#

AND oi.isbn = b.isbn

AND c.firstname LIKE 'JAKE'

AND c.lastname LIKE 'LUCAS'

ORDER BY

orderdate,

oi.paideach - cost DESC;

TITLE PROFIT

------------------------------ ----------

PAINLESS CHILD-REARING 37.45

HOW TO MANAGE THE MANAGER 16.55

PAINLESS CHILD-REARING 37.45

**Problem J (ANSI)**

SELECT

title,

paideach - cost AS profit

FROM

customers

JOIN orders USING ( customer# )

JOIN orderitems USING ( order# )

JOIN books USING ( isbn )

WHERE

firstname LIKE 'JAKE'

AND lastname LIKE 'LUCAS'

ORDER BY

orderdate, paideach - cost DESC;

TITLE PROFIT

------------------------------ ----------

PAINLESS CHILD-REARING 37.45

HOW TO MANAGE THE MANAGER 16.55

PAINLESS CHILD-REARING 37.45