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

**Problem A**

SELECT

title,

pubdate AS "Publication Date"

FROM

books;

TITLE Publication Date

BODYBUILD IN 10 MINUTES A DAY 21-JAN-15

REVENGE OF MICKEY 14-DEC-15

BUILDING A CAR WITH TOOTHPICKS 18-MAR-16

DATABASE IMPLEMENTATION 04-JUN-13

COOKING WITH MUSHROOMS 28-FEB-14

HOLY GRAIL OF ORACLE 31-DEC-15

HANDCRANKED COMPUTERS 21-JAN-15

E-BUSINESS THE EASY WAY 01-MAR-16

PAINLESS CHILD-REARING 17-JUL-14

THE WOK WAY TO COOK 11-SEP-14

BIG BEAR AND LITTLE DOVE 08-NOV-15

HOW TO GET FASTER PIZZA 11-NOV-16

HOW TO MANAGE THE MANAGER 09-MAY-13

SHORTEST POEMS 01-MAY-15

14 rows selected.

**Problem B**

SELECT

customer#,

city,

state

FROM

customers;

CUSTOMER# CITY STATE

1001 EASTPOINT FL

1002 SANTA MONICA CA

1003 TALLAHASSEE FL

1004 BOISE ID

1005 SEATTLE WA

1006 ALBANY NY

1007 AUSTIN TX

1008 CHEYENNE WY

1009 BURBANK CA

1010 ATLANTA GA

1011 CHICAGO IL

1012 BOSTON MA

1013 CLERMONT FL

1014 CODY WY

1015 MIAMI FL

1016 BURBANK CA

1017 KALMAZOO MI

1018 MACON GA

1019 MORRISTOWN NJ

1020 TRENTON NJ

20 rows selected.

**Problem C**

SELECT

name,

contact AS "Contact Person",

phone

FROM

publisher;

NAME Contact Person PHONE

PRINTING IS US TOMMIE SEYMOUR 000-714-8321

PUBLISH OUR WAY JANE TOMLIN 010-410-0010

AMERICAN PUBLISHING DAVID DAVIDSON 800-555-1211

READING MATERIALS INC. RENEE SMITH 800-555-9743

REED-N-RITE SEBASTIAN JONES 800-555-8284

**Problem D**

SELECT UNIQUE

category

FROM

books;

CATEGORY

CHILDREN

LITERATURE

FAMILY LIFE

COMPUTER

COOKING

FITNESS

BUSINESS

SELF HELP

8 rows selected.

**Problem E**

SELECT UNIQUE

customer#

FROM

orders;

CUSTOMER#

1019

1017

1014

1011

1007

1004

1008

1010

1018

1005

1001

1015

1020

1003

14 rows selected.

**Problem F**

SELECT

category,

title

FROM

books;

CATEGORY TITLE

FITNESS BODYBUILD IN 10 MINUTES A DAY

FAMILY LIFE REVENGE OF MICKEY

CHILDREN BUILDING A CAR WITH TOOTHPICKS

COMPUTER DATABASE IMPLEMENTATION

COOKING COOKING WITH MUSHROOMS

COMPUTER HOLY GRAIL OF ORACLE

COMPUTER HANDCRANKED COMPUTERS

COMPUTER E-BUSINESS THE EASY WAY

FAMILY LIFE PAINLESS CHILD-REARING

COOKING THE WOK WAY TO COOK

CHILDREN BIG BEAR AND LITTLE DOVE

SELF HELP HOW TO GET FASTER PIZZA

BUSINESS HOW TO MANAGE THE MANAGER

LITERATURE SHORTEST POEMS

14 rows selected.

**Problem G**

SELECT

lname

|| ', '

|| fname

FROM

author;

LNAME||','||FNAME

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

SMITH, SAM

JONES, JANICE

AUSTIN, JAMES

MARTINEZ, SHEILA

KZOCHSKY, TAMARA

PORTER, LISA

ADAMS, JUAN

BAKER, JACK

PETERSON, TINA

WHITE, WILLIAM

WHITE, LISA

LNAME||','||FNAME

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

ROBINSON, ROBERT

FIELDS, OSCAR

WILKINSON, ANTHONY

14 rows selected.

**Problem H**

select

order#,

item#,

isbn,

quantity,

paideach,

quantity \* paideach as "Item Total"

from orderitems;

ORDER# ITEM# ISBN QUANTITY PAIDEACH Item Total

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

1000 1 3437212490 1 19.95 19.95

1001 1 9247381001 1 31.95 31.95

1001 2 2491748320 1 85.45 85.45

1002 1 8843172113 2 55.95 111.9

1003 1 8843172113 1 55.95 55.95

1003 2 1059831198 1 30.95 30.95

1003 3 3437212490 1 19.95 19.95

1004 1 2491748320 2 85.45 170.9

1005 1 2147428890 1 39.95 39.95

1006 1 9959789321 1 54.5 54.5

1007 1 3957136468 3 72.15 216.45

ORDER# ITEM# ISBN QUANTITY PAIDEACH Item Total

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

1007 2 9959789321 1 54.5 54.5

1007 3 8117949391 1 8.95 8.95

1007 4 8843172113 1 55.95 55.95

1008 1 3437212490 2 19.95 39.9

1009 1 3437212490 1 19.95 19.95

1009 2 0401140733 1 22 22

1010 1 8843172113 1 55.95 55.95

1011 1 2491748320 1 85.45 85.45

1012 1 8117949391 1 8.95 8.95

1012 2 1915762492 2 25 50

1012 3 2491748320 1 85.45 85.45

ORDER# ITEM# ISBN QUANTITY PAIDEACH Item Total

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

1012 4 0401140733 1 22 22

1013 1 8843172113 1 55.95 55.95

1014 1 0401140733 2 22 44

1015 1 3437212490 1 19.95 19.95

1016 1 2491748320 1 85.45 85.45

1017 1 8117949391 2 8.95 17.9

1018 1 3437212490 1 19.95 19.95

1018 2 8843172113 1 55.95 55.95

1019 1 0401140733 1 22 22

1020 1 3437212490 1 19.95 19.95

32 rows selected.

**Problem I**

SELECT

lastname

|| ','

|| firstname AS "Name",

address,

city

|| ','

|| state AS "Location",

zip

FROM

customers;

Name ADDRESS Location ZIP

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

MORALES,BONITA P.O. BOX 651 EASTPOINT,FL 32328

THOMPSON,RYAN P.O. BOX 9835 SANTA MONICA,CA 90404

SMITH,LEILA P.O. BOX 66 TALLAHASSEE,FL 32306

PIERSON,THOMAS 69821 SOUTH AVENUE BOISE,ID 83707

GIRARD,CINDY P.O. BOX 851 SEATTLE,WA 98115

CRUZ,MESHIA 82 DIRT ROAD ALBANY,NY 12211

GIANA,TAMMY 9153 MAIN STREET AUSTIN,TX 78710

JONES,KENNETH P.O. BOX 137 CHEYENNE,WY 82003

PEREZ,JORGE P.O. BOX 8564 BURBANK,CA 91510

LUCAS,JAKE 114 EAST SAVANNAH ATLANTA,GA 30314

MCGOVERN,REESE P.O. BOX 18 CHICAGO,IL 60606

Name ADDRESS Location ZIP

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

MCKENZIE,WILLIAM P.O. BOX 971 BOSTON,MA 02110

NGUYEN,NICHOLAS 357 WHITE EAGLE AVE. CLERMONT,FL 34711

LEE,JASMINE P.O. BOX 2947 CODY,WY 82414

SCHELL,STEVE P.O. BOX 677 MIAMI,FL 33111

DAUM,MICHELL 9851231 LONG ROAD BURBANK,CA 91508

NELSON,BECCA P.O. BOX 563 KALMAZOO,MI 49006

MONTIASA,GREG 1008 GRAND AVENUE MACON,GA 31206

SMITH,JENNIFER P.O. BOX 1151 MORRISTOWN,NJ 07962

FALAH,KENNETH P.O. BOX 335 TRENTON,NJ 08607

20 rows selected.

**Problem J**

SELECT

isbn,

title,

cost,

retail,

( retail - cost ) / cost AS "PROFIT %"

FROM

books;

ISBN TITLE COST RETAIL PROFIT %

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

1059831198 BODYBUILD IN 10 MINUTES A DAY 18.75 30.95 .650666667

0401140733 REVENGE OF MICKEY 14.2 22 .549295775

4981341710 BUILDING A CAR WITH TOOTHPICKS 37.8 59.95 .585978836

8843172113 DATABASE IMPLEMENTATION 31.4 55.95 .781847134

3437212490 COOKING WITH MUSHROOMS 12.5 19.95 .596

3957136468 HOLY GRAIL OF ORACLE 47.25 75.95 .607407407

1915762492 HANDCRANKED COMPUTERS 21.8 25 .146788991

9959789321 E-BUSINESS THE EASY WAY 37.9 54.5 .437994723

2491748320 PAINLESS CHILD-REARING 48 89.95 .873958333

0299282519 THE WOK WAY TO COOK 19 28.75 .513157895

8117949391 BIG BEAR AND LITTLE DOVE 5.32 8.95 .682330827

ISBN TITLE COST RETAIL PROFIT %

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0132149871 HOW TO GET FASTER PIZZA 17.85 29.95 .677871148

9247381001 HOW TO MANAGE THE MANAGER 15.4 31.95 1.07467532

2147428890 SHORTEST POEMS 21.85 39.95 .828375286

14 rows selected.