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

**Problem A**

SELECT

lastname,

firstname,

state

FROM

customers

WHERE

( state = 'NJ' );

LASTNAME FIRSTNAME ST

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

SMITH JENNIFER NJ

FALAH KENNETH NJ

**Problem B**

SELECT

order#,

shipdate

FROM

orders

WHERE

shipdate > '01-APR-19';

ORDER# SHIPDATE

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

1000 02-APR-19

1004 05-APR-19

1006 02-APR-19

1007 04-APR-19

1008 03-APR-19

1009 05-APR-19

1010 04-APR-19

1011 05-APR-19

1013 04-APR-19

1014 05-APR-19

1017 05-APR-19

11 rows selected.

**Problem C**

SELECT

title,

category

FROM

books

WHERE

category != 'FITNESS';

TITLE CATEGORY

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

BODYBUILD IN 10 MINUTES A DAY HEALTH and FITNESS

REVENGE OF MICKEY FAMILY LIFE

BUILDING A CAR WITH TOOTHPICKS CHILDREN

DATABASE IMPLEMENTATION COMPUTER

COOKING WITH MUSHROOMS COOKING

HOLY GRAIL OF ORACLE COMPUTER

HANDCRANKED COMPUTERS COMPUTER

E-BUSINESS THE EASY WAY COMPUTER

PAINLESS CHILD-REARING FAMILY LIFE

THE WOK WAY TO COOK COOKING

BIG BEAR AND LITTLE DOVE CHILDREN

TITLE CATEGORY

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

HOW TO GET FASTER PIZZA SELF HELP

HOW TO MANAGE THE MANAGER BUSINESS

SHORTEST POEMS LITERATURE

14 rows selected.

**Problem D**

SELECT

customer#,

lastname,

state

FROM

customers

WHERE

state = 'NJ'

OR state = 'GA'

ORDER BY

lastname;

SELECT

customer#,

lastname,

state

FROM

customers

WHERE

state LIKE 'NJ%'

OR state LIKE 'GA%'

ORDER BY

lastname ASC;

CUSTOMER# LASTNAME ST

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

1020 FALAH NJ

1010 LUCAS GA

1018 MONTIASA GA

1019 SMITH NJ

CUSTOMER# LASTNAME ST

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

1020 FALAH NJ

1010 LUCAS GA

1018 MONTIASA GA

1019 SMITH NJ

**Problem E**

SELECT

order#, orderdate

FROM

orders

WHERE

orderdate = '01-APR-19'

OR orderdate <'01-APR-19';

SELECT

order#, orderdate

FROM

orders

WHERE

orderdate <= '01-APR-19'

ORDER by orderdate desc;

ORDER# ORDERDATE

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

1000 31-MAR-19

1001 31-MAR-19

1002 31-MAR-19

1003 01-APR-19

1004 01-APR-19

1006 01-APR-19

6 rows selected.

ORDER# ORDERDATE

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

1004 01-APR-19

1003 01-APR-19

1006 01-APR-19

1001 31-MAR-19

1000 31-MAR-19

1002 31-MAR-19

6 rows selected.

**Problem F**

SELECT

lname,

fname

FROM

author

WHERE

lname LIKE '%IN%'

ORDER BY

lname,

fname;

LNAME FNAME

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

AUSTIN JAMES

MARTINEZ SHEILA

ROBINSON ROBERT

WILKINSON ANTHONY

**Problem G**

SELECT

lastname,

referred

FROM

customers

WHERE

referred IS NOT NULL;

LASTNAME REFERRED

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

GIANA 1003

PEREZ 1003

NGUYEN 1006

DAUM 1010

SMITH 1003

**Problem H**

SELECT

title,

category

FROM

books

WHERE

category = 'CHILDREN'

OR category = 'COOKING';

SELECT

title,

category

FROM

books

WHERE

category LIKE 'CHIL\_R%'

OR category LIKE 'C\_\_KING';

TITLE CATEGORY

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

BUILDING A CAR WITH TOOTHPICKS CHILDREN

COOKING WITH MUSHROOMS COOKING

THE WOK WAY TO COOK COOKING

BIG BEAR AND LITTLE DOVE CHILDREN

TITLE CATEGORY

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

BUILDING A CAR WITH TOOTHPICKS CHILDREN

COOKING WITH MUSHROOMS COOKING

THE WOK WAY TO COOK COOKING

BIG BEAR AND LITTLE DOVE CHILDREN

**Problem I**

SELECT

title,

category

FROM

books

WHERE

( title LIKE '%OO%'

OR title LIKE '%TT%'

OR title LIKE '%ZZ%' )

AND category != 'COOKING';

TITLE CATEGORY

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

BUILDING A CAR WITH TOOTHPICKS CHILDREN

BIG BEAR AND LITTLE DOVE CHILDREN

HOW TO GET FASTER PIZZA SELF HELP

**Problem J**

SELECT

isbn,

title

FROM

books

WHERE

( retail - cost ) / cost >=.75;

ISBN TITLE

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

8843172113 DATABASE IMPLEMENTATION

2491748320 PAINLESS CHILD-REARING

9247381001 HOW TO MANAGE THE MANAGER

2147428890 SHORTEST POEMS