*Gabriel Nestor* ITI-2180 Foundations of Data and Database Management

**Problem A**

**CODE:**

SELECT LASTNAME, FIRSTNAME, STATE

FROM CUSTOMERS

WHERE STATE = 'NJ';

**OUTPUT:**

LASTNAME FIRSTNAME ST

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

SMITH JENNIFER NJ

FALAH KENNETH NJ

**Problem B**

**CODE:**

SELECT ORDER#, SHIPDATE

FROM ORDERS

WHERE SHIPDATE > '2-APR-2019';

**OUTPUT:**

ORDER# SHIPDATE

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

1004 05-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

9 rows selected.

**Problem C**

**CODE:**

SELECT TITLE, CATEGORY

FROM BOOKS

WHERE CATEGORY != 'FITNESS';

**OUTPUT:**

TITLE CATEGORY

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

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

HOW TO GET FASTER PIZZA SELF HELP

TITLE CATEGORY

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

HOW TO MANAGE THE MANAGER BUSINESS

SHORTEST POEMS LITERATURE

13 rows selected.

**Problem D**

**CODE:**

SELECT CUSTOMER#, LASTNAME, STATE

FROM CUSTOMERS

WHERE STATE IN ('GA', 'NJ')

ORDER BY LASTNAME;

SELECT CUSTOMER#, LASTNAME, STATE

FROM CUSTOMERS

WHERE STATE = 'NJ' OR STATE = 'GA'

ORDER BY LASTNAME;

**OUTPUT:**

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**

**CODE:**

SELECT ORDER#, ORDERDATE

FROM ORDERS

WHERE ORDERDATE < '2-APR-2019' OR ORDERDATE = '2-APR-2019';

SELECT ORDER#, ORDERDATE

FROM ORDERS

WHERE ORDERDATE <= '2-APR-2019';

**OUTPUT:**

ORDER# ORDERDATE

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

1021 20-JUL-09

1000 31-MAR-19

1001 31-MAR-19

1002 31-MAR-19

1003 01-APR-19

1004 01-APR-19

1005 01-APR-19

1006 01-APR-19

1007 02-APR-19

1008 02-APR-19

10 rows selected.

ORDER# ORDERDATE

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

1021 20-JUL-09

1000 31-MAR-19

1001 31-MAR-19

1002 31-MAR-19

1003 01-APR-19

1004 01-APR-19

1005 01-APR-19

1006 01-APR-19

1007 02-APR-19

1008 02-APR-19

10 rows selected.

**Problem F**

**CODE:**

SELECT LNAME, FNAME

FROM AUTHOR

WHERE LNAME LIKE '%IN%'

ORDER BY LNAME, FNAME;

**OUTPUT:**

LNAME FNAME

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

AUSTIN JAMES

MARTINEZ SHEILA

ROBINSON ROBERT

WILKINSON ANTHONY

**Problem G**

**CODE:**

SELECT LASTNAME, REFERRED

FROM CUSTOMERS

WHERE REFERRED IS NOT NULL;

**OUTPUT:**

LASTNAME REFERRED

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

GIANA 1003

PEREZ 1003

NGUYEN 1006

DAUM 1010

SMITH 1003

**Problem H**

**CODE:**

SELECT TITLE, CATEGORY

FROM BOOKS

WHERE CATEGORY LIKE 'C%I%';

SELECT TITLE, CATEGORY

FROM BOOKS

WHERE CATEGORY = 'CHILDREN' OR CATEGORY = 'COOKING';

**OUTPUT:**

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**

**CODE:**

SELECT

title,

category

FROM

books

WHERE

( category LIKE '%OO%'

OR category LIKE '%TT%'

OR category LIKE '%ZZ%' )

AND category != 'COOKING';

**OUTPUT:**

no rows selected

**Problem J**

**CODE:**

SELECT ISBN, TITLE

FROM BOOKS

WHERE (RETAIL/COST) >= 0.75;

**OUTPUT:**

ISBN TITLE

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

1059831198 BODYBUILD IN 10 MINUTES A DAY

0401140733 REVENGE OF MICKEY

4981341710 BUILDING A CAR WITH TOOTHPICKS

8843172113 DATABASE IMPLEMENTATION

3437212490 COOKING WITH MUSHROOMS

3957136468 HOLY GRAIL OF ORACLE

1915762492 HANDCRANKED COMPUTERS

9959789321 E-BUSINESS THE EASY WAY

2491748320 PAINLESS CHILD-REARING

0299282519 THE WOK WAY TO COOK

8117949391 BIG BEAR AND LITTLE DOVE

ISBN TITLE

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

0132149871 HOW TO GET FASTER PIZZA

9247381001 HOW TO MANAGE THE MANAGER

2147428890 SHORTEST POEMS

14 rows selected.