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

**Problem A**

INSERT INTO orders (

order#,

customer#,

orderdate

) VALUES (

1021,

1009,

'20-JUL-19'

);

1 row inserted.

**Problem B**

UPDATE orders

SET

shipzip = '33222'

WHERE

order# = 1017;

1 row updated.

**Problem C**

commit;

Commit complete.

**Problem D**

INSERT INTO orders (order#, customer#, orderdate)

VALUES (1022, 2000,'06-AUG-19');

The error raised was that an integrity constraint was violated, what caused the error was that it was inserting an order to a customer that did not exist.

**Problem E**

INSERT INTO orders (order#, customer#)

VALUES (1023, 1009);

The error raised said that I cannot insert a null value, the reason was because there is a NOT NULL constraint in orderdate and I did not add any value in it, so that caused the error.

**Problem F**

DELETE FROM orderitems

WHERE

order# = 1005;

DELETE FROM orders

WHERE

order# = 1005;

1 row deleted.

1 row deleted.

**Problem G**

ROLLBACK;

Rollback complete.

**Problem H**

UPDATE books

SET

cost = 20.00

WHERE

isbn = 1059831198;

1 row updated.

**Problem I**

ALTER TABLE books

MODIFY (category VARCHAR2(19));

UPDATE books

SET

category = 'HEALTH and FITNESS'

WHERE

category = 'FITNESS';

select \* from books;

Table BOOKS altered.

1 row updated.

ISBN TITLE PUBDATE PUBID COST RETAIL DISCOUNT CATEGORY

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1059831198 BODYBUILD IN 10 MINUTES A DAY 21-JAN-15 4 20 30.95 HEALTH and FITNESS

0401140733 REVENGE OF MICKEY 14-DEC-15 1 14.2 22 FAMILY LIFE

4981341710 BUILDING A CAR WITH TOOTHPICKS 18-MAR-16 2 37.8 59.95 3 CHILDREN

8843172113 DATABASE IMPLEMENTATION 04-JUN-13 3 31.4 55.95 COMPUTER

3437212490 COOKING WITH MUSHROOMS 28-FEB-14 4 12.5 19.95 COOKING

3957136468 HOLY GRAIL OF ORACLE 31-DEC-15 3 47.25 75.95 3.8 COMPUTER

1915762492 HANDCRANKED COMPUTERS 21-JAN-15 3 21.8 25 COMPUTER

9959789321 E-BUSINESS THE EASY WAY 01-MAR-16 2 37.9 54.5 COMPUTER

2491748320 PAINLESS CHILD-REARING 17-JUL-14 5 48 89.95 4.5 FAMILY LIFE

0299282519 THE WOK WAY TO COOK 11-SEP-14 4 19 28.75 COOKING

8117949391 BIG BEAR AND LITTLE DOVE 08-NOV-15 5 5.32 8.95 CHILDREN

ISBN TITLE PUBDATE PUBID COST RETAIL DISCOUNT CATEGORY

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0132149871 HOW TO GET FASTER PIZZA 11-NOV-16 4 17.85 29.95 1.5 SELF HELP

9247381001 HOW TO MANAGE THE MANAGER 09-MAY-13 1 15.4 31.95 BUSINESS

2147428890 SHORTEST POEMS 01-MAY-15 5 21.85 39.95 LITERATURE

14 rows selected.

**Problem J**

DELETE FROM orderitems

WHERE

order# = 1005;

DELETE FROM orders

WHERE

order# = 1005;

1 row deleted.

1 row deleted.