SECD2523
SECTION 10

LECTURER: ROZILAWATI BINTI DOLLAH @ MD ZAIN

PROJECT TITLE:
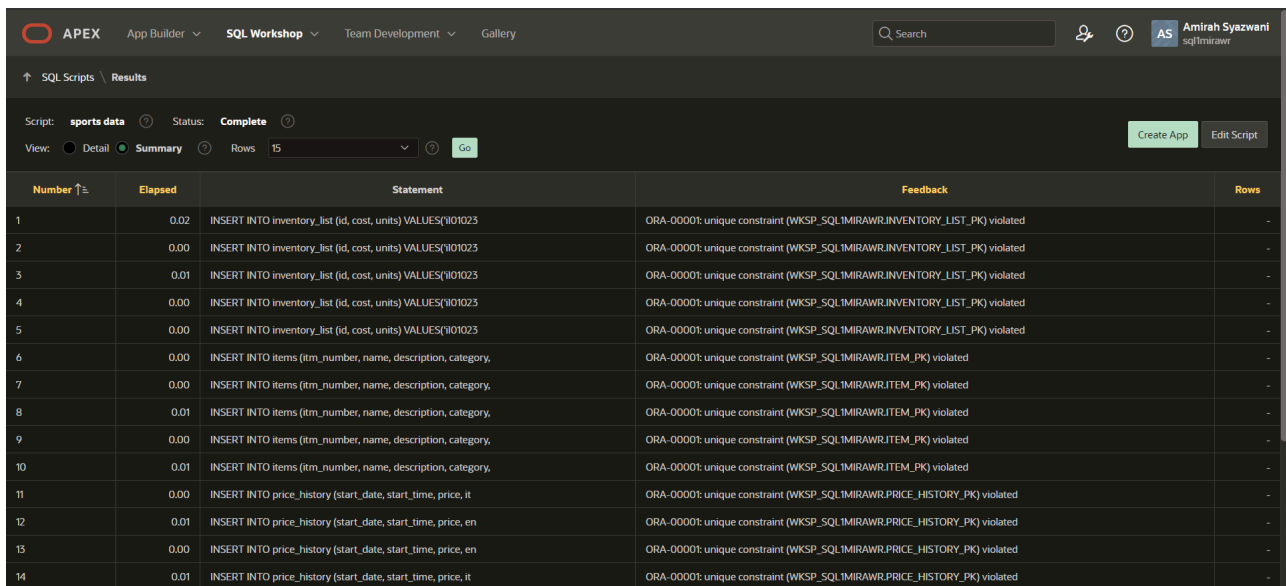# SQL LAB2 - DML 1 PART 1
(DDL)

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Part 1: Running a script to populate the tables.

You have to consider the order of the tables when populating them. A table that has a foreign key field cannot be populated before the related table with the primary key.

1. Use the table mapping document and list the order that you would use to populate the tables.
2. Open the "sports data.sql" and look at the order the data is being added there, does your list match? This file can be found in the Section 6 Lesson 4 interaction (sports data.zip) and must first be extracted.
3. Run the "sports data.sql" script in APEX to populate your tables
4. Check that no errors occurred when you ran the script.

Part 2- Inserting rows to the system

1. Add a new team to the system

id	name	number_of_players	discount
t004	Jets	10	5

INSERT INTO teams (id,name,number_of_players,discount)
VALUES('t004','Jets',10,5);

```
1    INSERT INTO teams (id, name, number_of_players, discount)
2    VALUES('t004', 'Jets', 10, 5);
3
```

Results   Explain   Describe   Saved SQL   History

1 row(s) inserted.

0.01 seconds

2. Add a new Customer with the following details to the system

ctr number	email	first name	Last name	Phone number	Current balance	Loyalty card number	temid	sreid
c02001	brainrog @hootech.com	Brian	Rogers	016545 64898	-5	Ic4587		

INSERT INTO customers (ctr_number, email, first_name, last_name, phone_number, current_balance, sre_id, tem_id, loyalty_card_number)
VALUES
('c02001','brainrog@hootech.com','Brian','Rogers','01654564898',-5,'Ic4587',null,null);

```
1    INSERT INTO customers (ctr_number, email, first_name, last_name, phone_number, current_balance, loyalty_card_number, tem_id, sre_id)
2    VALUES('c02001', 'brianrog@hootech.com', 'Brian', 'Rogers', '01654564898', -5, 'Ic4587', null, null);
```

Results   Explain   Describe   Saved SQL   History

1 row(s) inserted.

0.01 seconds

3. This information violates the check constraint that the current balance must not be less than zero. Change the current balance to 50 and rerun the query.

UPDATE customers
SET current_balance = 50;

```
1   UPDATE customers
2   SET current_balance = 50;
```

Results   Explain   Describe   Saved SQL   History

6 row(s) updated.

0.03 seconds