

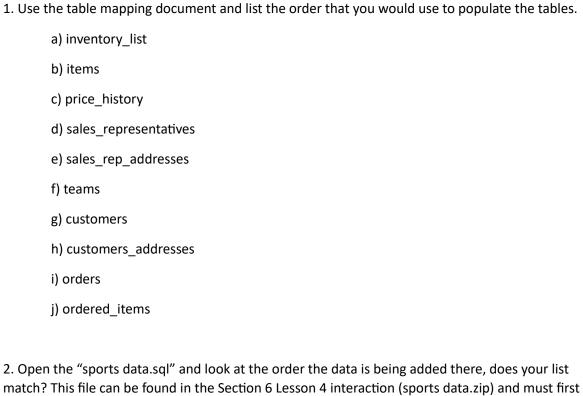
# LAB 2 DML 1

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<b>Matrix Number</b>	A22EC0294		
Course Code	SEDC2523		
Course Name	Database		
Section	08		

#### Section 6 Lesson 4 Exercise 1

## Part 1: Running a script to populate the tables.

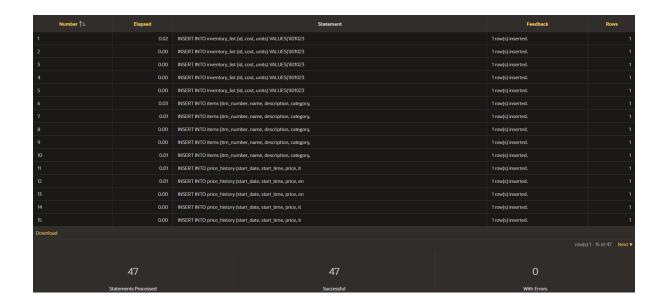
You have to consider the order of the tables when populating them. A table that has a foreign key field cannot be populated before the related table with the primary key.



match? This file can be found in the Section 6 Lesson 4 interaction (sports data.zip) and must first be extracted.

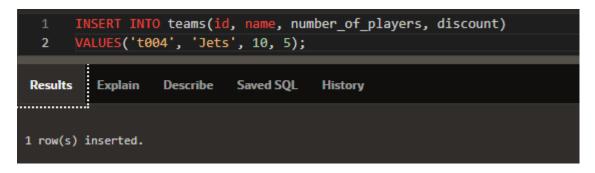
Yes. The list is matched.

3. Run the "sports data.sql" script in APEX to populate your tables.



### Part 2- Inserting rows to the system

1. Add a new team to the system



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

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.



```
1 UPDATE customers
2 SET current_balance = 50
3 WHERE ctr_number = 'c02001';

Results Explain Describe Saved SQL History

1 row(s) updated.
```

## Section 6 Lesson 4 Exercise 2: Data Manipulation Language

## Part 1- Updating rows to the system

1. Run the following query to view the content of the price\_history table:

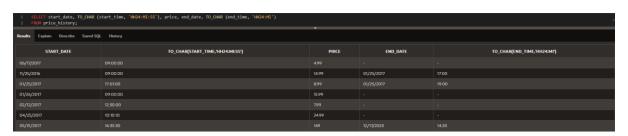
SELECT start\_date, TO\_CHAR (start\_time, 'HH24:MI:SS'), price, end\_date, TO\_CHAR (end\_time, 'HH24:MI')
FROM price\_history;

1 SELECT start_date, TO_CMAR (start_time, 'HHZ4:HI:SS'), price, end_date, TO_CMAR (end_time, 'HHZ4:HI') 2 FROM price_history;							
Breaks Explain Describe SeverEQL Hotsey							
START_DATE	TO_CHAR(START_TIME, HH24:MESS')	PRICE	END_DATE	TO_CHAR(END_TIME,*HH24:MI')			
06/17/2017							
11/25/2016	09.00:00		01/25/2017				
01/26/2017	09.00:00	15.99					
04/25/2017	10:10:10	24.99					
05/31/2017							

2. Obl is going to update the price of the premium bat so you will need to write a query that will close off the current price by adding the system date values to the end\_date and end\_time fields. To run this query you will need to both match the item number and identify that the end date is null. This ensures that you are updating the latest price.



3. Rerun the select statement on the price\_history table to ensure that the statement has been executed.



4. Insert a new row that will use the current date and time to set the new price of the premium bat to be 99.99.

5. Rerun the select statement on the price\_history table to ensure that the statement has been executed.



## Part 2: Deleting rows from the system

1. Bob Thornberry has contacted Obl to ask that the 83 Barrhill Drive address be removed from the system as he can longer receive parcels at this address. Write a SQL statement that will remove this address from the system.

DELETE FROM customers\_addresses WHERE address\_line\_1 = '83 Barrhill Drive';



2. Run a select statement on the customers\_addresses table to ensure that the statement has been executed

