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Lab 2 - 1 (Database)

## Part 1

1. The order to populate tables :

- ↓
- inventory\_list
  - items
  - price\_history
  - sales\_representatives
  - sales\_rep\_addresses
  - teams
  - customers
  - customers\_addresses
  - orders
  - ordered\_items.

2. Yes, the order of data in "sports data.sql" matched my list.

3. Showed in 'Appendix'

4. No error occurred.

## Part 2

1. Insert into teams (id, name, number\_of\_players, discount)  
values ('t004', 'Jets', 10, 5);

2. Insert into customers  
values ('c02001', 'brianrog@hoootech.com', 'Brian', 'Rogers', '01654564898', -5,  
NULL, NULL, '1c4587');

3. Insert into customers  
values ('c02001', 'brianrog@hoootech.com', 'Brian', 'Rogers', '01654564898', 50,  
NULL, NULL, '1c4587');

# Appendix

## Part 1

### 1. The order in SQL live (from left to right)

<div>INVENTORY_LIST</div> <div>Table</div> <div>Status: Valid</div> <div>Created 70 seconds ago</div>	<div>ITEMS</div> <div>Table</div> <div>Status: Valid</div> <div>Created 65 seconds ago</div>	<div>PRICE_HISTORY</div> <div>Table</div> <div>Status: Valid</div> <div>Created 60 seconds ago</div>
<div>SALES_REPRESENTATIVES</div> <div>Table</div> <div>Status: Valid</div> <div>Created 38 seconds ago</div>	<div>SALES_REP_ADDRESSES</div> <div>Table</div> <div>Status: Valid</div> <div>Created 33 seconds ago</div>	<div>TEAMS</div> <div>Table</div> <div>Status: Valid</div> <div>Created 28 seconds ago</div>
<div>CUSTOMERS</div> <div>Table</div> <div>Status: Valid</div> <div>Created 22 seconds ago</div>	<div>CUSTOMERS_ADDRESSES</div> <div>Table</div> <div>Status: Valid</div> <div>Created 16 seconds ago</div>	<div>ORDERS</div> <div>Table</div> <div>Status: Valid</div> <div>Created 11 seconds ago</div>
<div>ORDERED_ITEMS</div> <div>Table</div> <div>Status: Valid</div> <div>Created 7 seconds ago</div>		

### 3. Result “sport data.sql” in Oracle APEX

APEX App Builder SQL Workshop Team Development Gallery				
SQL Scripts Results				
Script: sport data.sql Status: Complete				
View: Detail Summary Rows 15				
Create App Edit Script				
Number ↑	Elapsed	Statement	Feedback	Rows
1	0.05	INSERT INTO inventory_list (id, cost, units) VALUES(101023	1 row(s) inserted.	1
2	0.00	INSERT INTO inventory_list (id, cost, units) VALUES(101023	1 row(s) inserted.	1
3	0.01	INSERT INTO inventory_list (id, cost, units) VALUES(101023	1 row(s) inserted.	1
4	0.00	INSERT INTO inventory_list (id, cost, units) VALUES(101023	1 row(s) inserted.	1
5	0.00	INSERT INTO inventory_list (id, cost, units) VALUES(101023	1 row(s) inserted.	1
6	0.02	INSERT INTO items (itm_number, name, description, category,	1 row(s) inserted.	1
7	0.00	INSERT INTO items (itm_number, name, description, category,	1 row(s) inserted.	1
8	0.00	INSERT INTO items (itm_number, name, description, category,	1 row(s) inserted.	1
9	0.00	INSERT INTO items (itm_number, name, description, category,	1 row(s) inserted.	1
10	0.00	INSERT INTO items (itm_number, name, description, category,	1 row(s) inserted.	1
11	0.05	INSERT INTO price_history (start_date, start_time, price, it	1 row(s) inserted.	1
12	0.00	INSERT INTO price_history (start_date, start_time, price, en	1 row(s) inserted.	1
13	0.00	INSERT INTO price_history (start_date, start_time, price, en	1 row(s) inserted.	1
14	0.00	INSERT INTO price_history (start_date, start_time, price, it	1 row(s) inserted.	1
15	0.00	INSERT INTO price_history (start_date, start_time, price, it	1 row(s) inserted.	1
Download				
row(s) 1 - 15 of 47				
47		47	0	
Statements Processed		Successful	With Errors	



## Part 2

1. Add new team into table

```
1 v insert into teams (id, name, number_of_players, discount)
2 values ('t004', 'Jets', 10, 5);
```

ID	NAME	NUMBER_OF_PLAYERS	DISCOUNT
t001	Rockets	25	10
t002	Celtics	42	20
t003	Rovers	8	-
t004	Jets	10	5

2. Add new customer into table

```
insert into customers
values ('c02001', 'brianrog@hoootech.com', 'Brain', 'Rogers', '01654564898', -5, NULL, NULL, 'lc4587');
```

ORA-02290: check constraint (SQL\_HYGDQYXXNQRQLDFBXXEVHBIEC.CHECK\_POSITIVEBALANCE) violated ORA-06512: at "SYS.DBMS\_SQL", line 1721

3. Again but change the current balance to 50

```
insert into customers
values ('c02001', 'brianrog@hoootech.com', 'Brain', 'Rogers', '01654564898', 50, NULL, NULL, 'lc4587');
```

CTR_NUMBER	EMAIL	FIRST_NAME	LAST_NAME	PHONE_NUMBER	CURRENT_BALANCE	SRE_ID	TEM_ID	LOYALTY_CARD_NUMBER
c00001	bob.thornberry@heatmail.com	Robert	Thornberry	01234567898	150	sr01	t001	-
c00012	Jjones@freemail.com	Jennifer	Jones	01505214598	0	-	-	lc1015
c00101	unknown@here.com	John	Doe	03216547808	987.5	sr01	t002	-
c00103	MurciaA@globaltech.com	Andrew	Murcia	07715246890	85	-	-	lc2341
c01986	margal87@delphiview.com	Maria	Galant	01442736589	125.65	sr03	t003	-
c02001	brianrog@hoootech.com	Brain	Rogers	01654564898	50	-	-	lc4587