

## Lab Exercise 2.

Name: HUANG Bosheng.

### Part 1.

1. <1> inventory-list      <6> teams
- <2> items              <7> customers
- <3> price\_history      <8> customer\_address
- <4> sales\_representatives      <9> orders
- <5> sales\_rep\_address      <10> ordered\_items

2. Yes, my list matched with the order the data being added into the tables.

3.

Tables			
Table Name ↑	Rows	Last Analyzed	Type
CUSTOMERS	-	-	TABLE
CUSTOMERS_ADDRESSES	-	-	TABLE
HTMldb_PLAN_TABLE	-	-	TABLE
INVENTORY_LIST	-	-	TABLE
ITEMS	-	-	TABLE
ORDERED_ITEMS	-	-	TABLE
ORDERS	-	-	TABLE
PRICE_HISTORY	-	-	TABLE
SALES_REPRESENTATIVES	-	-	TABLE
SALES_REP_ADDRESSES	-	-	TABLE
TEAMS	-	-	TABLE

4. No error was found

47	47	0
Statements Processed	Successful	With Errors

Part 2.

1). INSERT INTO teams

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

Results	Explain	Describe	Saved SQL	History
---------	---------	----------	-----------	---------

2) INSERT INTO customers.

VALUES ('c02001', 'brianrog@hoootech.com', 'Brian', 'Rogers', '01654564898', '-5', 'lc4587')

```
INSERT INTO customers(
  ctr_number,
  email,
  first_name,
  last_name,
  phone_number,
  current_balance,
  loyalty_card_number
)VALUES(
  'c02001',
  'brianrog@hoootech.com',
  'Brian',
  'Rogers',
  '01654564898',
  '-5',
  'lc4587'
);
```

3)

```
INSERT INTO customers(  
  ctr_number,  
  email,  
  first_name,  
  last_name,  
  phone_number,  
  current_balance,  
  loyalty_card_number  
)VALUES(  
  'c02001',  
  'brianrog@hoootech.com',  
  'Brian',  
  'Rogers',  
  '01654564898',  
  '-5',  
  'lc4587'  
);
```

Name: HUANG BOSHENG  
matric: A22EC4032

Part 1.

1.

```
91 INSERT INTO customers  
92 VALUES ('c02001','brianrog@hoootech.com','Brian','Rogers','01654564898',50, NULL, NULL, 'lc4587');  
93  
Results Explain Describe Saved SQL History  
1 row(s) inserted.
```

2. update price\_history

set end\_date = SYSDATE, end\_time = SYSDATE,  
WHERE item\_number = 'imolloy' AND end\_date IS NULL

```
UPDATE price_history
SET end_date = SYSDATE, end_time = SYSDATE
WHERE itm_number = 'im01101048' AND end_date IS NULL;
```

Results Explain Describe Saved SQL History

1 row(s) updated.

3.

```
32 SELECT start_date, TO_CHAR (start_time, 'HH24:MI:SS'), price, end_date, TO_CHAR (end_time, 'HH24:MI')
33 FROM price_history;
```

Results	Explain	Describe	Saved SQL	History	
START_DATE	TO_CHAR(START_TIME,'HH24:MI:SS')		PRICE	END_DATE	TO
06/17/2017	09:00:00		4.99	-	-
11/25/2016	09:00:00		14.99	01/25/2017	17:00
01/25/2017	17:01:00		8.99	01/25/2017	19:00
01/26/2017	09:00:00		15.99	-	-
02/12/2017	12:30:00		7.99	-	-
04/25/2017	10:10:10		24.99	-	-
05/31/2017	16:35:30		149	11/09/2023	09:14
7 rows returned in 0.00 seconds		<a href="#">Download</a>			

7 rows returned in 0.00 seconds Download

4. INSERT INTO price\_history (start\_date, start\_time, price, itm\_number)  
VALUES (SYSDATE, SYSTIMESTAMP, 99.99, 'im01101048');

```
39 INSERT INTO price_history (start_date, start_time, price, itm_number)
40 VALUES (SYSDATE, SYSTIMESTAMP, 99.99, 'im01101048');
```

Results Explain Describe Saved SQL History

1 row(s) inserted.

5.

```

37 SELECT start_date, TO_CHAR(start_time, 'HH24:MI:SS'), price, end_date,
38        TO_CHAR(end_time, 'HH24:MI')
39 FROM price_history;

```

START_DATE	TO_CHAR(START_TIME, 'HH24:MI:SS')	PRICE	END_DATE	TO_CHAR(END_TIME, 'HH24:MI')
11/25/2016	09:00:00	14.99	01/25/2017	17:00
01/25/2017	17:06:00	8.99	01/25/2017	19:00
02/12/2017	12:30:00	7.99	-	-
11/09/2023	12:39:58	99.99	-	-
01/26/2017	09:00:00	15.99	-	-
04/25/2017	10:10:10	24.99	-	-
06/17/2017	09:00:00	4.99	-	-
05/31/2017	16:35:30	149	11/09/2023	12:19

8 rows returned in 0.01 seconds [Download](#)

Part 2.

1. DELETE FROM customers\_addresses  
where address\_line1 = '83 Barrhill Drive';

```

41 DELETE FROM customers_addresses
42 WHERE address_line1 = '83 Barrhill Drive';

```

Results Explain Describe Saved SQL History

1 row(s) deleted.

2. SELECT \* FROM customers\_addresses.

44 **SELECT \* FROM** customers\_addresses;

Results

ExplainDescribeSaved SQLHistory

ID	ADDRESS_LINE_1	ADDRESS_LINE_2	CITY	ZIP_CODE	CTR_NUMBER
ca0102	17 Gartsquare Road	Starford	Liverpool	LP89JHK	c00001
ca0103	54 Ropehill Crescent	Georgetown	Star	ST45AGV	c00101
ca0104	36 Watercress Lane	-	Jump	JP23YTH	c01986
ca0105	63 Acacia Drive	Skins	Liverpool	LP83JHR	c00001

4 rows returned in 0.02 secondsDownload