

Lab 2 (CDML1-Part1)

Name : Oh Kai Xuan

Matric No : A22EC0099

Course Name : Database

Course Code : SECD2523

Section : 06

Lecturer : Dr. Izzan Izzati Bin Kamsani

Part 1 : Running a script to populate tables.

- 1) i) inventory_list
- ii) items
- iii) price_history
- iv) sales_representatives
- v) sales_rep_addresses
- vi) teams
- vii) customers
- viii) customers_addresses
- ix) orders
- x) ordered_items

2) Yes, it matched with my list

3)

Number ↑	Elapsed	Statement	Feedback	Rows
1	0.06	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	0.00	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	0.04	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	0.01	INSERT INTO items (itm_number, name, description, category,	1 row(s) inserted.	1
11	0.07	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	0.01	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

4) No error was found

Download	row(s) 1 - 15 of 47	Next
47	47	0
Statements Processed	Successful	With Errors



扫描全能王 创建

Part 2: Inserting rows to the system

1) INSERT INTO teams

```
VALUES ('t004', 'Jets', 10, 5);
```

```
64 INSERT INTO teams
65 VALUES ('t004', 'Jets', 10, 5);
```

2) INSERT INTO customers

```
VALUES ('c02001', 'brianrog@hoootech.com', 'Brian', 'Rogers', '01654564898', -5, NULL, NULL, 'Ic4587');
```

```
89 INSERT INTO customers
90 VALUES ('c02001', 'brianrog@hoootech.com', 'Brian', 'Rogers', '01654564898', -5, NULL, NULL, 'Ic4587');
```

Results Explain Describe Saved SQL History

ORA-02290: check constraint (WKSP_OIX03.CHECK_BALANCE) violated

3)

```
91 INSERT INTO customers
92 VALUES ('c02001', 'brianrog@hoootech.com', 'Brian', 'Rogers', '01654564898', 50, NULL, NULL, 'Ic4587');
93
```

Results Explain Describe Saved SQL History

1 row(s) inserted.

0.01 seconds



Lab 2 CDML1 - Part 2)

Name: Oh Kai Xuan

Matric No: A22EC0099

Course Name: Database

Course Code: SEC02523

Section: 06

Lecturer: Dr. Izyan Izzati Bin Kamsani

Part 1: Updating rows to the system

1)

```

32 SELECT start_date, TO_CHAR (start_time, 'HH24:MI:SS'), price, end_date, TO_CHAR (end_time, 'HH24:MI')
33 FROM price_history;
34

```

START_DATE	TO_CHAR(START_TIME,'HH24:MI:SS')	PRICE	END_DATE	TO_CHAR(END_TIME,'HH24:MI')
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	-	-

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

2) UPDATE price_history

SET end_date = SYSDATE,

end_time = SYSTIMESTAMP

WHERE itm_number = 'im01101048'

AND end_date IS NULL;

```

34 UPDATE price_history
35 SET end_date = SYSDATE,
36     end_time = SYSTIMESTAMP
37 WHERE itm_number = 'im01101048'
38 AND end_date IS NULL;
39

```

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

1 row(s) updated.

0.03 seconds

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;
34

```

START_DATE	TO_CHAR(START_TIME,'HH24:MI:SS')	PRICE	END_DATE	TO_CHAR(END_TIME,'HH24:MI')
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 [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.

0.03 seconds

5)

```
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_CHAR(END_TIME,HH24:MI)
11/09/2023	09:17:10	99.99	-	-
06/11/2017	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

8 rows returned in 0.00 seconds Download

Part 2: Deleting rows from the system

1) DELETE FROM customers_addresses
WHERE address_line_1 = '83 Barrhill Drive';

```
105 DELETE FROM customers_addresses
106 WHERE address_line_1 = '83 Barrhill Drive';
```

Results Explain Describe Saved SQL History

1 row(s) deleted.

0.01 seconds

2) SELECT * FROM customers_addresses;

```
107 SELECT * FROM customers_addresses;
108
```

Results Explain Describe Saved SQL History

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	JP25YTH	c01986
ca0105	65 Acacia Drive	Skins	Liverpool	LP83JHR	c00001

4 rows returned in 0.00 seconds Download

