

SECD2523 - Database

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SECTION: 06

TITLE: Lab 2 - SQL2 - DML1 (PART 1)

Part 1: Running a script to populate the tables

1. Order to populate the tables:

1) inventory_list

2) items

3) price_history

4) sales_representatives

5) sales_rep_addresses

6) teams

7) customers

6) customers_addresses

7) orders

8) ordered_items

2. Yes, my list match the order the data is being added to the file (sports_data.sql)

3.

```
1 v INSERT INTO inventory_list (id, cost, units)
2 VALUES('il010230124', 2.5, 100);
3
4 v INSERT INTO inventory_list (id, cost, units)
5 VALUES('il010230125', 7.99, 250);
6
7 v INSERT INTO inventory_list (id, cost, units)
8 VALUES('il010230126', 5.24, 87);
9
10 v INSERT INTO inventory_list (id, cost, units)
```

1 row(s) inserted.

1 row(s) inserted.

1 row(s) inserted.

1 row(s) inserted.

4. No errors occurred when the script was ran

Part 2 - Inserting rows to the system

1. INSERT INTO teams (id, name, number-of-players, discount)
VALUES('1004', 'Jets', 10, 5);
2. 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',
50, 'lc4587');

No.:

Date:

TITLE : SQL2 - DML1 (PART 2)

Part 1: Updating rows to the system

1.


```

1 SELECT start_date, TO_CHAR (start_time, 'HH24:MI:SS'), price, end_date, TO_CHAR (end_time, 'HH24:MI')
2 FROM price_history;

```

START_DATE	TO_CHAR(START_TIME, 'HH24:MI:SS')	PRICE	END_DATE	TO_CHAR(END_TIME, 'HH24:MI')
17-JUN-17	09:00:00	4.99	-	-
25-NOV-16	09:00:00	14.99	25-JAN-17	17:00
25-JAN-17	17:01:00	8.99	25-JAN-17	19:00
26-JAN-17	09:00:00	15.99	-	-
12-FEB-17	12:30:00	7.99	-	-
25-APR-17	10:10:10	24.99	-	-
31-MAY-17	16:35:30	149	-	-

2. UPDATE price_history

SET end_date = SYSDATE, end-time = SYSDATE

WHERE itm_number = 'im01101048' and end_date IS NULL;

3.

```

1 SELECT start_date, TO_CHAR (start_time, 'HH24:MI:SS'), price, end_date, TO_CHAR (end_time, 'HH24:MI')
2 FROM price_history;

```

START_DATE	TO_CHAR(START_TIME, 'HH24:MI:SS')	PRICE	END_DATE	TO_CHAR(END_TIME, 'HH24:MI')
17-JUN-17	09:00:00	4.99	-	-
25-NOV-16	09:00:00	14.99	25-JAN-17	17:00
25-JAN-17	17:01:00	8.99	25-JAN-17	19:00
26-JAN-17	09:00:00	15.99	-	-
12-FEB-17	12:30:00	7.99	-	-
25-APR-17	10:10:10	24.99	-	-
31-MAY-17	16:35:30	149	09-NOV-23	11:11

4. INSERT INTO price_history (start-date, start-time, price, itm-number)
VALUES (SYSDATE, SYSDATE, 99.99, 'im01101048');

5.

```

1 SELECT start_date, TO_CHAR (start_time, 'HH24:MI:SS'), price, end_date, TO_CHAR (end_time, 'HH24:MI')
2 FROM price_history;
3

```

START_DATE	TO_CHAR(START_TIME, HH24:MI:SS)	PRICE	END_DATE	TO_CHAR(END_TIME, HH24:MI)
09-NOV-23	11:19:10	99.99	-	-
17-JUN-17	09:00:00	4.99	-	-
25-NOV-16	09:00:00	14.99	25-JAN-17	17:00
25-JAN-17	17:01:00	8.99	25-JAN-17	19:00
26-JAN-17	09:00:00	15.99	-	-
12-FEB-17	12:30:00	7.99	-	-
25-APR-17	10:10:10	24.99	-	-
31-MAY-17	16:35:30	149	09-NOV-23	11:11

Part 2 : Deleting rows from the system

1. DELETE FROM customers-addresses
WHERE address-line_1 = '83 Barnhill Drive';

2.

```

1 ✓ DELETE FROM customers_addresses
2 WHERE address_line_1 = '83 Barrhill Drive';
3
4 SELECT * FROM customers_addresses;

```

1 row(s) deleted.

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