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Title: Lab Exercise 2 (SQL 2: DML)

Section 6 Lesson 4 Exercise 1: Data Manipulation Language

Part 1: Running a script to populate the tables

- There is no error occurs

Part 2: Inserting rows to the system

1) `INSERT INTO teams (id, name, number_of_players, discount)
VALUES ('t004', 'Jets', 10, 5);`

Output: 1 row(s) inserted

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, '1c4587');`

Output: 1 row(s) inserted

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

Output: 1 row(s) updated

Section 6 Lesson 4 Exercise 2 : Data Manipulation Language

Part 1 : updating rows to the system

1)	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	14.9	-	-

- 2) UPDATE price_history
 SET end-date = SYSDATE,
 end-time = SYSDATE
 WHERE itm-number = 'im01101048' AND end-time IS NULL;

Output: 1 row(s) updated

- 3) SELECT start-date, TO_CHAR(start-time, 'HH24:MI:SS'), price, end-date, TO_CHAR(end-time, 'HH24:MI')
 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	14.9	09-NOV-23	07:50

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

Output: 1 row(s) inserted

No.:

Date:

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

START_DATE	TO_CHAR(START_TIME, 'HH24:MI:SS')	PRICE	END_DATE	TO_CHAR(END_TIME, 'HH24:MI:SS')
09-NOV-23	16:24:15	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	14.9	09-NOV-23	07:50

Part 2: deleting rows from the system

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

Output: 1 row(s) deleted

- 2) SELECT * FROM customers_addresses;

ID	ADDRESS_LINE_1	ADDRESS_LINE_2	CITY	ZIP_CODE	CTR_NUMBER
ca0102	17 Gartsquare Road	Starford	Liverpool	LP89JHK	CO0001
ca0103	54 Ropehill Crescent	Georgetown	Star	ST45AGV	CO0101
ca0104	36 Watercress Lane	-	Jump	JP23YTH	CO1986
ca0105	63 Acacia Drive	Skins	Liverpool	LP83JHR	CO0001