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Title : Lab Exercise 2 (SQL 2 : DML1)

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@hootech.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, 'H24:MI:SS')	PRICE	END_DATE	TO_CHAR(END_TIME, 'H24: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 = 'imo1101048' 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	149	09-NOV-23	07:50

4) INSERT INTO price_history (start_date, start_time, price, itm number)
   VALUES (SYSDATE, SYSDATE, 99.99, 'imo1101048');

Output: 1 row(s) inserted

5) 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')
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	149	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
CQ0102	17 Gartsquare Road	Starford	Liverpool	LP89JHK	C00001
CQ0103	54 Ropehill Crescent	Georgetown	Star	ST45AGV	C00101
CQ0104	36 Watercress Lane	–	Jump	JP13YTH	C01986
CQ0105	63 Acacia Drive	Skins	Liverpool	LP83JHR	C00001