SQL PART 2 LAB

Name : MUHD FIRDAUS BIN MOHIDEEN ABDUL CADER

Matrix Num : B23CS0056

Part 1

1. Content of price_history table.

START_DATE	TO_CHAR (START_TIME, 'HH24:MI:SS')	PRICE	END_DATE	TO_CHAR (START_TIME, 'HH24:MI:SS'
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. Adding system date values to the end_date and end_time fields

```
UPDATE price_history
SET end_date = CURRENT_DATE , end_time = CURRENT_TIMESTAMP
WHERE itm_number = 'im01101044' AND end_date IS NULL;
```

3. Rerun the select statement.

```
SELECT * FROM price_history;
```

START_DATE	START_TIME	PRICE	END_DATE	END_TIME	ITM_NUMBER
17-JUN-17	17-JUN-16	4.99	09-NOV-23	09-NOV-23	im01101044
25-NOV-16	25-NOV-16	14.99	25-JAN-17	25-JAN-17	im 01101045
25-JAN-17	25-JAN-17	8.99	25-JAN-17	25-JAN-17	im01101045
26-JAN-17	26-JAN-17	15.99	—	—	im01101045
12-FEB-17	12-FEB-17	7.99	—	—	im01101046
25-APR-17	25-APR-17	24.99	—	—	im01101047
31-MAY-17	31-MAY-17	149	—	—	im01101048

4. Insert a new row.

INSERT INTO price_history (start_date, start_time, price, itm_number)
VALUES (~~current~~ CURRENT_DATE, CURRENT_TIMESTAMP, 99.99, 'im 01101046');

5. Rerun the select statement.

START_DATE	START_TIME	PRICE	END_DATE	END_TIME	ITM_NUMBER
09-NOV-23	09-NOV-23	99.99	—	00:05:80	im 01101046
17-JUN-17	17-JUN-17	4.99	09-NOV-23	09-NOV-23	im 01101044
25-NOV-16	25-NOV-16	14.99	25-JAN-17	25-JAN-17	im 01101045
25-JAN-17	25-JAN-17	8.99	25-JAN-17	25-JAN-17	im 01101045
26-JAN-17	26-JAN-17	15.99	—	17:30:05	im 01101045
12-FEB-17	12-FEB-17	7.99	—	07:07:0	im 01101046
25-APR-17	25-APR-17	24.99	—	16:85:0	im 01101047
31-MAY-17	31-MAY-17	149	—	—	im 01101048

Part 2

1. Removing 83 Barrhill Drive address.

~~DELETE~~ DELETE FROM customers_address
WHERE address_line_1 = '83 Barrhill Drive';

2. Run the select statement.

SELECT * FROM customers_address;

ID	ADDRESS_LINE_1	ADDRESS_LINE_2	CITY	ZIP_CODE	CTR_NUMBER
ca0102	17 Gartsquare Road	Starford	Liverpool	LP 89JHR	c00001
ca0103	54 Ropehill Crescent	Georgetown	Star	STH5 AHV	c00101
ca0104	36 Watercress Lane	—	Jump	JP25YTH	c01986
ca0105	63 Accaia Drive	Skins	Liverpool	LP 83JHR	c00001