

DATE / NO.

TITLE

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Lab 2 - 2 (Database)

A22E0072

Part 1

1. Showed in 'Appendix'
2. Update price_history
set end_date = sysdate, end_time = sysdate
where itm_number = 'im01101048' and end_date is null;
3. select * from price_history;
4. Insert into price_history
values (sysdate, sysdate, 99.99, null, null, 'im01101048');
5. select * from price_history;

Part 2

1. delete from customers_addresses
where address_line_1 = '83 Barrhill Drive';
2. select * from customers_addresses;

Appendix

Part 1

1. Ran the appointed query

```
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	-	-

2. Update original data in price_history table

```
update price_history  
set end_date = SYSDATE, end_time = SYSDATE  
where itm_number = 'im01101048' and end_date is NULL;
```

3. Ran 'select' query of price_history table

```
select* from price_history;
```

START_DATE	START_TIME	PRICE	END_DATE	END_TIME	ITM_NUMBER
17-JUN-17	17-JUN-16	4.99	-	-	im01101044
25-NOV-16	25-NOV-16	14.99	25-JAN-17	25-JAN-17	im01101045
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	09-NOV-23	09-NOV-23	im01101048

4. Insert new price of data to price_history table

```
insert into price_history  
values (sysdate, sysdate, 99.99, NULL, NULL, 'im01101048');
```

5. Ran 'select' query of price_history table

```
select* from price_history;
```

1 row(s) inserted.

START_DATE	START_TIME	PRICE	END_DATE	END_TIME	ITM_NUMBER
09-NOV-23	09-NOV-23	99.99	-	-	im01101048
17-JUN-17	17-JUN-16	4.99	-	-	im01101044
25-NOV-16	25-NOV-16	14.99	25-JAN-17	25-JAN-17	im01101045
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	09-NOV-23	09-NOV-23	im01101048

Part 2

1. delete address from customers_addresses table

```
delete from customers_addresses  
where address_line_1 = '83 Barrhill Drive';
```

2. ran 'select' query of customers_addresses table

```
select* from customers_addresses;
```

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