



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

FACULTY OF COMPUTING
UTM Johor Bahru

SESSION 2023/2024 SEMESTER 1

SECD2523 - DATABASE

Lab Exercise 2

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Section : 02

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Lab 2

Part 1

Part 2

- 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@haotech.com', 'Brian', 'Rogers',
01654564898, -5, '1c4587');
- 3 INSERT INTO customers (ctr number, email, first name, last name,
phone number, current balance, loyalty card number)
VALUES ('c02001', 'brianrog@haotech.com', 'Brian', 'Rogers',
01654564898, 50, '1c4587');

Part 2

Part 1

2 UPDATE price_history

SET end_date = SYSDATE, end_time = CURRENT_TIMESTAMP

WHERE end_date IS NULL AND ilm number = 'im01101048';

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

4 INSERT INTO price_history

VALUES (SYSDATE, CURRENT_TIMESTAMP, 99.99, SYSDATE, CURRENT_TIMESTAMP);

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

Part 2

1 DELETE FROM customers_addresses

WHERE address_line_1 = '83 Barrhill Drive';

2 SELECT * FROM customers_addresses;

LAB 2

Part 1

Part 1:

```
1 row inserted.
```

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1 row inserted.
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1 row inserted.
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1 row inserted.
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1 row inserted.
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1 row inserted.
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1 row inserted.
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1 row inserted.
```

```
1 row inserted.
```

Part 2 :

1)

	ID	NAME	NUMBER_OF_PLAYERS	DISCOUNT
1	t001	Rockets	25	10
2	t002	Celtics	42	20
3	t003	Rovers	8	(null)
4	t004	Jets	10	5

2)

```
Error starting at line : 156 in command -
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, 'lc4587')
Error report -
ORA-02290: check constraint (SYSTEM.CHK_CURRENT_B_MIN) violated
```

3)

CTR_NUMBER	EMAIL	FIRST_NAME	LAST_NAME	PHONE_NUMBER	CURRENT_BALANCE	SRE_ID	TEM_ID	LOYALTY_CARD_NUMBER
1 c00001	bob.thornberry@heatmail.com	Robert	Thornberry	01234567898	150	sr01	t001	(null)
2 c00012	Jjones@freemail.com	Jennifer	Jones	01505214598	0 (null)	(null)	(null)	lc1015
3 c00101	unknown@here.com	John	Doe	03216547808	987.5	sr01	t002	(null)
4 c00103	MurciaA@globaltech.com	Andrew	Murcia	07715246890	85 (null)	(null)	(null)	lc2341
5 c01986	margal87@delphiview.com	Maria	Galant	01442736589	125.65	sr03	t003	(null)
6 c02001	brianrog@hootech.com	Brian	Rogers	01654564898	50 (null)	(null)	(null)	lc4587

Part 2

Part 1:

1)

	START_DATE	TO_CHAR(START_TIME,'HH24:MI:SS')	PRICE	END_DATE	TO_CHAR(END_TIME,'HH24:MI')
1	17-JUN-17	09:00:00	4.99	(null)	(null)
2	25-NOV-16	09:00:00	14.99	25-JAN-17	17:00
3	25-JAN-17	17:01:00	8.99	25-JAN-17	19:00
4	26-JAN-17	09:00:00	15.99	(null)	(null)
5	12-FEB-17	12:30:00	7.99	(null)	(null)
6	25-APR-17	10:10:10	24.99	(null)	(null)
7	31-MAY-17	16:35:30	149	(null)	(null)

3)

	START_DATE	TO_CHAR(START_TIME,'HH24:MI:SS')	PRICE	END_DATE	TO_CHAR(END_TIME,'HH24:MI')
1	17-JUN-17	09:00:00	4.99	(null)	(null)
2	25-NOV-16	09:00:00	14.99	25-JAN-17	17:00
3	25-JAN-17	17:01:00	8.99	25-JAN-17	19:00
4	26-JAN-17	09:00:00	15.99	(null)	(null)
5	12-FEB-17	12:30:00	7.99	(null)	(null)
6	25-APR-17	10:10:10	24.99	(null)	(null)
7	31-MAY-17	16:35:30	149	09-NOV-23	22:46

5)

	START_DATE	TO_CHAR(START_TIME,'HH24:MI:SS')	PRICE	END_DATE	TO_CHAR(END_TIME,'HH24:MI')
1	17-JUN-17	09:00:00	4.99	(null)	(null)
2	25-NOV-16	09:00:00	14.99	25-JAN-17	17:00
3	25-JAN-17	17:01:00	8.99	25-JAN-17	19:00
4	26-JAN-17	09:00:00	15.99	(null)	(null)
5	12-FEB-17	12:30:00	7.99	(null)	(null)
6	25-APR-17	10:10:10	24.99	(null)	(null)
7	31-MAY-17	16:35:30	149	09-NOV-23	22:46
8	09-NOV-23	22:54:27	99.99	09-NOV-23	22:54

Part 2 :

2)

ID	ADDRESS_LINE_1	ADDRESS_LINE_2	CITY	ZIP_CODE	CTR_NUMBER
1 ca0102	17 Gartsquare Road	Starford	Liverpool	LP89JHK	c00001
2 ca0103	54 Ropehill Crescent	Georgetown	Star	ST45AGV	c00101
3 ca0104	36 Watercress Lane	(null)	Jump	JP23YTH	c01986
4 ca0105	63 Acacia Drive	Skins	Liverpool	LP83JHR	c00001