



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

SECD2523 - SECTION 03
DATABASE
SEMESTER I (2023/2024)

ASSIGNMENT 1:
Lab Exercise 2

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Exercise 1 Part 2

Exercise 1 (Part 2)

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

ID	NAME	NUMBER_OF_PLAYERS	DISCOUNT
t004	Jets	10	5
t001	Rockets	25	10
t002	Celtics	42	20
t003	Rovers	8	-

2. INSERT INTO customers

VALUES('c02001', 'brianrog@hoootech.com', 'Brian', 'Rogers', 01654 564 898, -5, NULL, NULL, '1c4587');

2. INSERT INTO customers

VALUES('c02001', 'brianrog@hoootech.com', 'Brian', 'Rogers', 01654 564 898, 50, NULL, NULL, '1c4587');

CTR_NUMBER	EMAIL	FIRST_NAME	LAST_NAME	PHONE_NUMBER	CURRENT_BALANCE	SRE_ID	TEM_ID	LOYALTY_CARD_NUMBER
c00001	bob.thornberry@heatmail.com	Robert	Thornberry	01234567898	150	sr01	t001	-
c00012	Jjones@freemail.com	Jennifer	Jones	01505214598	0	-	-	1c1015
c00101	unknown@here.com	John	Doe	03216547888	987.5	sr01	t002	-
c00103	MurciaA@globaltech.com	Andrew	Murcia	07715246890	85	-	-	1c2341
c01986	marga187@delphiview.com	Maria	Galant	01442736589	125.65	sr03	t003	-
c02001	brianrog@hoootech.com	Brian	Roger	1654564898	-5	-	-	1c4587
c02001	brianrog@hoootech.com	Brian	Roger	1654564898	50	-	-	1c4587

EXERCISE 2 (Part 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	149	-	-

1.

Exercise 2 (Part 1)

2. UPDATE price-history
SET end-date = SYSDATE, end-time = SYSTIMESTAMP
WHERE itm-number = 'im01101048'
AND end-date is NULL;

3. 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	12-NOV-23	12-NOV-23	im01101048

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

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	12-NOV-23	12-NOV-23	im01101048
12-NOV-23	12-NOV-23	99.99	-	-	im01101048

5.

Exercise 2 (Part 2)

1. `DELETE FROM customers_addresses`
`WHERE address_line_1 = '83 Barrhill Drive';`

2. `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