Lab 2 (Exercise 1 database) Tay shun Wei A22EC0110

lab2 database (Exercise 1)

Part 1

1 The order is: INVENTORY_LIST
        ITEMS
        PRICE_HISTORY
        SALES_REPRESENTATIVES
        SALES_REP_ADDRESS
        TEAMS
        CUSTOMERS
        CUSTOMES_ADDRESSES
        ORDERS
        ORDERED_ITEMS

1.2/1.3 Yes, the Sample code con run

1.4 No error

Part 2

1. Select * from teams;
    Insert InTo teams(id, name, number-of-players, discount)
    Values ('too4', 'Jets', 10, 5);

    Select * from teams;

2. Select * from customers;
    Insert Into customers (ctr_number, email, first_name, last_name, phone_number, current_pombaboxe, loyalty_card_number)

    Values ('cosool', 'brianrog@hootech.com', 'Brian', 'Rogers') '01654564898', -5, '1(4587)
                                                                                        j

    Select * from customers;

3. Select * from customers;
    Insert Into customers (ctr_number, email, first_name, last_name, phone_number, current_balance, loyalty-card_number)
    values ('cosool', 'brianrog@hootech.com', 'Brian', 'Rogers', '01654564898', 50, '1(4587);
    Select* from customers;

Part 2

1. Add a new team to the system

Before Insert:

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

After Insert:

	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. Add a new Customer:

Before Insert:

	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)	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)	lc2341
5	c01986	margal87@delphiview.com	Maria	Galant	01442736589	125.65	sr03	t003	(null)

After Insert:

	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)	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)	lc2341
5	c01986	margal87@delphiview.com	Maria	Galant	01442736589	125.65	sr03	t003	(null)

Because the value of the current balance is less than 50, and it is invalid value.

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Error starting at line : 3 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_BALANCE_NO_NEGATIVE) violated
```

3. Change the current balance to 50 and rerun the query

Before Insert:

	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)	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)	lc2341
5	c01986	margal87@delphiview.com	Maria	Galant	01442736589	125.65	sr03	t003	(null)

After Insert:

	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)	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)	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)	lc4587

Lab 2 (Exercise 2 database) Tay shun Wei A22EC0110

lab 2 exercise 2 database

Part 1

3. UPDATE price_history
SET end_date = CURRENT_DATE, end_time = CURRENT_Timestamp
where itm_number = 'imo1101048 AND end_time IS NULL;

4.) INSERT INTO price_history (start_date, start_time, Price, itm_number)
Values (Current_DATE, CURRENT_Timestamp, 99.99, 'imo1101042');
Select * from Price_history;

Part 2

1. DELETE FROM customer_address
where address_line_1 = '83 Barrhill Drive';

Part 1 Updating rows to the system

1 Run the price_history table

START_DATE	TO_CHAR(START_TIME,'HH24:MI:SS')	PRICE	END_DATE	TO_CHAR(END_TIME,'HH24:MI:SS')
1 17-JUN-17	09:00:00	4.99 (null)	(null)	
2 25-NOV-16	09:00:00	14.99 25-JAN-17	17:00:00	
3 25-JAN-17	17:01:00	8.99 25-JAN-17	19:00:00	
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 Update the table

START_DATE	START_TIME	PRICE	END_DATE	END_TIME	ITM_NUMBER
1 17-JUN-17	17-JUN-16	4.99 (null)	(null)	im01101044	
2 25-NOV-16	25-NOV-16	14.99 25-JAN-17	25-JAN-17	im01101045	
3 25-JAN-17	25-JAN-17	8.99 25-JAN-17	25-JAN-17	im01101045	
4 26-JAN-17	26-JAN-17	15.99 (null)	(null)	im01101045	
5 12-FEB-17	12-FEB-17	7.99 (null)	(null)	im01101046	
6 25-APR-17	25-APR-17	24.99 (null)	(null)	im01101047	
7 31-MAY-17	31-MAY-17	149 (null)	(null)	im01101048	

5 Insert a new row with the new_price = 99.99

START_DATE	START_TIME	PRICE	END_DATE	END_TIME	ITM_NUMBER
1 17-JUN-17	17-JUN-16	4.99 (null)	(null)	im01101044	
2 25-NOV-16	25-NOV-16	14.99 25-JAN-17	25-JAN-17	im01101045	
3 25-JAN-17	25-JAN-17	8.99 25-JAN-17	25-JAN-17	im01101045	
4 26-JAN-17	26-JAN-17	15.99 (null)	(null)	im01101045	
5 12-FEB-17	12-FEB-17	7.99 (null)	(null)	im01101046	
6 25-APR-17	25-APR-17	24.99 (null)	(null)	im01101047	
7 31-MAY-17	31-MAY-17	149 (null)	(null)	im01101048	
8 10-NOV-23	10-NOV-23	99.99 (null)	(null)	im01101048	

Part 2 Deleting the rows from the table

2 Delete

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