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A22EC0179

Section: 02

Lab Exercise I

Part 1

1. 10 tables
2. 6 columns
3. NOT NULL
4. ctr_number
5. -99.99
6. -99999.99, 99999.99
7. itm_number, start_date, start_time.

Part 2

1. DESCRIBE orders;
ALTER TABLE orders MODIFY odr_date DEFAULT SYSDATE;
DESCRIBE orders;
2. DESCRIBE customers;
ALTER TABLE customers ADD CONSTRAINT bal_abr_min CHECK (current_balance >= 0);
DESCRIBE customers;
3. DESCRIBE customers;
ALTER TABLE customers ADD phone_number_new NUMBER(11);
DESCRIBE customers;
4. DESCRIBE customers;
ALTER TABLE customers DROP (phone_number_new);
DESCRIBE customers;

1)

Name	Null?	Type
ID	NOT NULL	VARCHAR2(9)
ODR_DATE	NOT NULL	DATE
ODR_TIME	NOT NULL	DATE
NUMBER_OF_UNITS	NOT NULL	NUMBER(2)
CTR_NUMBER	NOT NULL	VARCHAR2(6)

Table ORDERS altered.

Name	Null?	Type
ID	NOT NULL	VARCHAR2(9)
ODR_DATE	NOT NULL	DATE
ODR_TIME	NOT NULL	DATE
NUMBER_OF_UNITS	NOT NULL	NUMBER(2)
CTR_NUMBER	NOT NULL	VARCHAR2(6)

2)

Name	Null?	Type
CTR_NUMBER	NOT NULL	VARCHAR2(6)
EMAIL	NOT NULL	VARCHAR2(50)
FIRST_NAME	NOT NULL	VARCHAR2(20)
LAST_NAME	NOT NULL	VARCHAR2(30)
PHONE_NUMBER	NOT NULL	VARCHAR2(11)
CURRENT_BALANCE	NOT NULL	NUMBER(6,2)
SRE_ID		VARCHAR2(4)
TEM_ID		VARCHAR2(4)
LOYALTY_CARD_NUMBER		VARCHAR2(6)

Table CUSTOMERS altered.

Name	Null?	Type
CTR_NUMBER	NOT NULL	VARCHAR2(6)
EMAIL	NOT NULL	VARCHAR2(50)
FIRST_NAME	NOT NULL	VARCHAR2(20)
LAST_NAME	NOT NULL	VARCHAR2(30)
PHONE_NUMBER	NOT NULL	VARCHAR2(11)
CURRENT_BALANCE	NOT NULL	NUMBER(6,2)
SRE_ID		VARCHAR2(4)
TEM_ID		VARCHAR2(4)
LOYALTY_CARD_NUMBER		VARCHAR2(6)

	CONSTRAINT_NAME	CONSTRAINT_TYPE	SEARCH_CONDITION
1	BAL_ABV_MIN	Check	current_balance>=0

3)

Name	Null?	Type
CTR_NUMBER	NOT NULL	VARCHAR2 (6)
EMAIL	NOT NULL	VARCHAR2 (50)
FIRST_NAME	NOT NULL	VARCHAR2 (20)
LAST_NAME	NOT NULL	VARCHAR2 (30)
PHONE_NUMBER	NOT NULL	VARCHAR2 (11)
CURRENT_BALANCE	NOT NULL	NUMBER (6, 2)
SRE_ID		VARCHAR2 (4)
TEM_ID		VARCHAR2 (4)
LOYALTY_CARD_NUMBER		VARCHAR2 (6)

Table CUSTOMERS altered.

Name	Null?	Type
CTR_NUMBER	NOT NULL	VARCHAR2 (6)
EMAIL	NOT NULL	VARCHAR2 (50)
FIRST_NAME	NOT NULL	VARCHAR2 (20)
LAST_NAME	NOT NULL	VARCHAR2 (30)
PHONE_NUMBER	NOT NULL	VARCHAR2 (11)
CURRENT_BALANCE	NOT NULL	NUMBER (6, 2)
SRE_ID		VARCHAR2 (4)
TEM_ID		VARCHAR2 (4)
LOYALTY_CARD_NUMBER		VARCHAR2 (6)
PHONE_NUMBER_NEW		NUMBER (11)

4)

Name	Null?	Type
CTR_NUMBER	NOT NULL	VARCHAR2 (6)
EMAIL	NOT NULL	VARCHAR2 (50)
FIRST_NAME	NOT NULL	VARCHAR2 (20)
LAST_NAME	NOT NULL	VARCHAR2 (30)
PHONE_NUMBER	NOT NULL	VARCHAR2 (11)
CURRENT_BALANCE	NOT NULL	NUMBER (6, 2)
SRE_ID		VARCHAR2 (4)
TEM_ID		VARCHAR2 (4)
LOYALTY_CARD_NUMBER		VARCHAR2 (6)
PHONE_NUMBER_NEW		NUMBER (11)

Table CUSTOMERS altered.

Name	Null?	Type
CTR_NUMBER	NOT NULL	VARCHAR2 (6)
EMAIL	NOT NULL	VARCHAR2 (50)
FIRST_NAME	NOT NULL	VARCHAR2 (20)
LAST_NAME	NOT NULL	VARCHAR2 (30)
PHONE_NUMBER	NOT NULL	VARCHAR2 (11)
CURRENT_BALANCE	NOT NULL	NUMBER (6, 2)
SRE_ID		VARCHAR2 (4)
TEM_ID		VARCHAR2 (4)
LOYALTY_CARD_NUMBER		VARCHAR2 (6)