database lab1

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PART 1

1) 10 tables
2) 6 columns
3) "Not Null" statement
4) customer_address_customer_fk
5) Highest value = 99
   lowest value = 99
6) Highest value = 99999.99
   lowest value = 99999.99
7) itm_number, start_time, start_date

PART 2

1) Describe orders;

column	Null ?	TYPE
id	Not Null	VARCHAR (9)
odr_date	Not Null	DATE
odr_time	Not Null	DATE
number_of_units	Not Null	NUMBER (2)
cr_number	Not Null	VARCHAR (6)

2) ALTER TABLE orders
   modify odr_date DATE DEFAULT SYSDATE;

①

STANDARD

3) DESCRIBE orders;

column	Null?	TYPE
id	Not Null	VARCHAR (9)
odr_date	Not Null	DATE
odr_time	Not Null	DATE
number_of_units	Not Null	NUMBER(2)
ctr_number	Not Null	VARCHAR (6)

1) DESCRIBE customers;

column	Null?	TYPE
ctr_number	Not Null	VARCHAR (6)
email	Not Null	VARCHAR (50)
first_name	Not Null	VARCHAR (20)
last_name	Not Null	VARCHAR (30)
phone_number	Not Null	VARCHAR (11)
current_balance	Not Null	NUMBER (6,2)
sre_id	—	VARCHAR (4)
rem_id	—	VARCHAR (4)
loyalty_card_number	—	VARCHAR (6)

2) ALTER TABLE customers
ADD CONSTRAINT check_Balance
CHECK (current_balance >=0);

3) DESCRIBE customers;

②

4)

CONSTRAINT	TYPE	condition	Related constraint	related table
check_balance	check	current_balance >= 0	-	-

constraints column	on delete	status
-	-	ENABLED

1) DESCRIBE customers;

column	Null?	TYPE
ctr_Number	Not Null	VARCHAR2 (6)
email	Not Null	VARCHAR (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)

2) ALTER TABLE customers
   ADD mobile_phone_number VARCHAR2(11);

3) DESCRIBE Customers;

column	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)
mobile-phone-number	—	VARCHAR2 (11)

1) DESCRIBE customers;

column	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)
mobile-phone-number	-	VARCHAR2(4)

2) ALTER TABLE Customers;
   DROP COLUMN mobile-phone-number;

3) DESCRIBE customer;

column	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)