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Title : Labskill 1 Exercise 1

Part 1: Reading Information from a script

i) 10 tables

ii) 6 columns

iii) The Statement is 'Not Null'

iv) foreign key = id

v) lowest = -99 , highest = 99

vi) lowest = -99999.99 , highest = 99999.99

vii) (itm_number , start_date , start_time)

Part 2: Updating constraints (modifying a column)

i) Describe orders;

Column	NULL?	Type
ID	NOT NULL	VARCHAR 2 (9)
ODR. DATE	NOT NULL	DATE
ODR. TIME	NOT NULL	DATE
NUMBER. Number of_units	NOT NULL	NUMBER (2,0)
CTR. NUMBER	NOT NULL	VARCHAR 2 (6)

ii) ALTER TABLE Orders

MODIFY odr_DATE DATE DEFAULT SYSDATE;

iii) No, the output is the same as output Question 1.

(Adding a check constraint)

i) Describe a 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)

ii) ALTER TABLE customers

ADD CONSTRAINTS cust_bal check

CHECK (current_balance >= 0)

iii) No, output is the same as question I

iv)

Constraints	Type	condition	Related Constraint	Related table	Constraint columns	on Delete	Status
CUST_BAL_CHECK	check	current_balance >=0	—	—	—	—	Enabled

(Adding a column)

I) 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 NUMBER (4)
TEM_ID	—	VARCHAR2 NUMBER (4)
Loyalty_CARD_NUMBER	—	NUMBER
M
—	VARCHR (6)

ii) ALTER TABLE customers
ADD mobile_number VARCHAR2 (11);

iii) DESCRIBE customers;

Column	HULL?	Type
CTR_Number	NOT NULL	VARCHAR2(6)
Email	NOT NULL	VARCHAR2 (50)
FIRST_NUMBER	NOT HULL	VARCHAR2 (20)
LAST_NAME	NOT NULL	VARCHAR2 (30)
PHONE_NUMBER	HOT NULL	VARCHAR2(11)
CURRENT_BALANCE	Not NULL	NUMBER (6,2)
SRE_ID	–	VARCHAR2(4)
TEM_ID	–	VARCHAR2 (4)
LOYALTY_CARD_NUMBER	–	VARCHAR2(6)
MOBILE_NUMBER	–	VARCHAR2 (11)

(Dropping a column)

i) DESCRIBE customers;

Column	HULL?	Type
CTR_Number	Not Null	VARCHAR2 (6)
Email	HOT Hull	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_NUMBER	–	VARCHAR2 (11)

ll)   ALTER TABLE customers

DROP column mobile-number;

lii)   ~~Describe~~ DESCRIBE custmers;

Column	Null	Type
CTR. NUMBER	Not Null	VARCHAR2 (5) ~~Varchar 2(~~
EMAIL	Not Null	VARCHAR2 (50)
FIRST_NAME	Not Null	VARCHAR2(30)
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)

ll)   ALTER TABLE customers

DROP column mobile-number;