CHEAY DEONG MEN ASSECTELY Part 1 1. 10 tables o. 6 column NOT NULL etr-number 5. lowest = -99 , highest = 99 6. lowest = -99999.99 , highest = 99999.99 7. primary key = itm_number, start_date, start_time Part > Modify a column = 1. DESCRIBE orders ; 3. ALTER TABLE orders MODIFY odr_date DATE DEFAULT SYSDATE: 3. DESCRIBE orders: Adding a check constraint 2 1- DESCRIBE customers; 3. DESCRIBE customens; 4. SELECT constraint name, constraint-type, search-condition FROM wer constraints WHERE table_name = 'CUSTOMERS'. Adding a column = 1. DESCRIBE automers; 2. ALTER TABLE customers ADD mobile_phone_number VARCHAR2(11); 3. DESCRIBE customers; Dropping a column = 1. DESCRIBE customers; 2. ALTER TABLE customers DROP COLUMN mobile_phone_number; 3. DESCRIBE customers:

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Output for Part2:

Modify the column:

1. Output of DESCRIBE command before table is altered.

Name	Nul:	1?	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)

3. Output of DESCRIBE command before table is altered.

Name	Null	L?	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)

Adding a check constraint:

1. Output of DESCRIBE command before table is altered.

Name	Nul	l?	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)

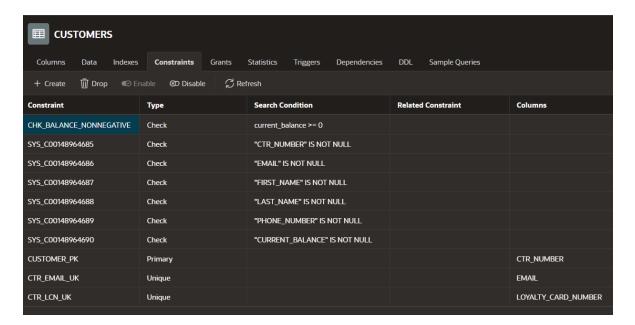
3. Output of DESCRIBE command after table is altered.

Name	Nul	1?	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)

4. Display the constraint.

			SEARCH_CONDITION
1	CUSTOMER_SALES_REP_FK	R	(null)
2	CUSTOMER_TEAM_FK	R	(null)
3	SYS_C008308	С	"CTR_NUMBER" IS NOT NULL
4	SYS_C008309	С	"EMAIL" IS NOT NULL
5	SYS_C008310	С	"FIRST_NAME" IS NOT NULL
6	SYS_C008311	С	"LAST_NAME" IS NOT NULL
7	SYS_C008312	С	"PHONE_NUMBER" IS NOT NULL
8	SYS_C008313	С	"CURRENT_BALANCE" IS NOT NULL
9	CHK_BALANCE_NONNEGATIVE	С	current_balance >= 0
10	CUSTOMER_PK	P	(null)
11	CTR_EMAIL_UK	U	(null)
12	CTR_LCN_UK	υ	(null)

(from SQL Developer)



(from Object Browser of SQL workshop)

Adding a column:

1. Output of DESCRIBE command before table is altered.

TABLE CUSTOMERS

Column	Null?	Туре
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)

3. Output of DESCRIBE command after table is altered.

TABLE CUSTOMERS

Column	Null?	Туре
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)

Dropping a column:

1. Output of DESCRIBE command before table is altered.

TABLE CUSTOMERS

Column	Null?	Туре
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)

3. Output of DESCRIBE command after table is altered.

TABLE CUSTOMERS

Column	Null?	Туре
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)