	NO in propose propose and the second
	CHEAY SEONE MEN ASSECTOU
	Part 1
1.	10 tables
	6 column
	NOT NULL
4	oto avalac
τ.	Import = -99 highest = 99
6.	Invot = -99999,99 highest = 99999,99
7.	lowest = -99 highest = 99  lowest = -99999.99 highest = 99999.99  primary key = itm_number, start_date, start_time
	Part o
	Modify a column =
1.	DESCRIBE orders ?
	ALTER TABLE orders MODIFY odr_date DATE DEFAULT SYSDATE;
3.	DESCRIBE orders;
	Adding a check constraint =
	DESCRIBE customers;
2.	ALTER TABLE ouslamers ADD CONSTRAINT chk_balance_nonnegative
	CHECK (current_balance > = 0);
	DESCRIBE customers;
<del>-04.</del>	SELECT constraint name, constraint-type, search_condition
	From wer constraints
	WHERE table_name = 'CUSTOMERS';
	Adding a column =
1.	DESCRIBE automers;
	ALTER TABLE customers ADD mobile_phone_number VARCHAR2(11);
3.	DESCRIBE customers;
	Dropping a column =
1.	DESCRIBE austomers;
٥,	ALTER TABLE customers DROP COLUMN mobile_phone_number;
3.	DESCRIBE customers;

#### CHEAH SEONG MEN A22EC0041

### 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)

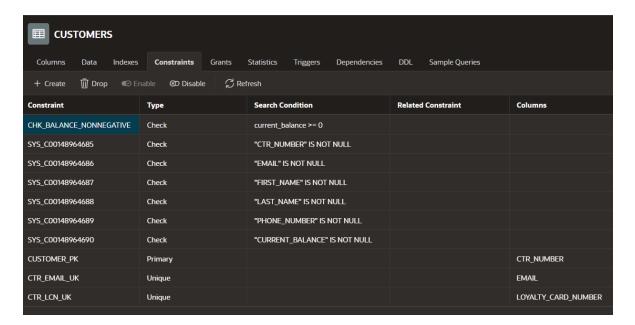
3. Output of DESCRIBE command after table is altered.

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)