# PART 1

LIN CHONG HUI A22 ECO184

# 10 tables

- 2 6 wlumns 3 NOT NULL
- 1 etr\_number
- (5) lowest = -99, highest = 99
- ( lowest = -99999.99, highest = 99999.99 opinmary key = itm\_number, start\_date, start\_time
- Output for Part 2

# 1 Output of DESCRIBE command before table is 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)	
3 Output of DESCRIBE command before table is altered.				

### Null? Type Name

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)
tal A sal			
Adding a check constraint:			

Null? Type

Null? Type

NOT NULL VARCHAR2 (50)

"CTR\_NUMBER" IS NOT NULL

"FIRST\_NAME" IS NOT NULL "LAST\_NAME" IS NOT NULL

"PHONE\_NUMBER" IS NOT NULL

"CURRENT\_BALANCE" IS NOT NULL

"EMAIL" IS NOT NULL

current\_balance >= 0

Type

VARCHAR2(6)

VARCHAR2(50)

NOT NULL VARCHAR2(20)

# Name

1) Output of DESCRIBE command before table is altered.

	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)
1	Jutout of DESCRIBE comm	and	alter	Lable is altered
١	TAILDRINE OLD FOR COLLAIN		4714	אטוע זו אועאר

### CTR\_NUMBER NOT NULL VARCHAR2 (6)

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_NUME	ER		VARCHAR2 (6)		
Display the constraint					
	CONSTRAINT	TYPE SEAR	CH_CONDITION		
1 CUSTOMER_SALES_REP_FK	R	(nu	11)		

C

C

C

### 5 SYS\_C008310 6 SYS\_C008311 7 SYS\_C008312

8 SYS\_C008313

9 CHK\_BALANCE\_NONNEGATIVE C

Column

CTR\_NUMBER

FIRST\_NAME

EMAIL

3 SYS\_C008308

4 SYS\_C008309

2 CUSTOMER TEAM FK

Name

EMAIL

4

## (null) 10 CUSTOMER\_PK 11 CTR EMAIL UK (null) 12 CTR\_LCN\_UK (null) Adding a colum 1) Output of DESCRIBE command before table is attered. TABLE CUSTOMERS

Null?

NOT NULL

NOT NULL

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	E commo	und after tob
Column	Null?	Туре
CTR_NUMBER	NOT NULL	VARCHAR2(6)
EMAIL	NOT NULL	VARCHAR2(50)
		, ,

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)