*Name: Ammar Yasser Salah
* Matrix no: A22EC3001

SQL Exercise

* Part #1

1) Ten tables
2) Six coloumns
3) CONSTRAINT item_pk PRIMARY KEY (&item_number)
4) Ctr_number
5) Lowest value: -99   highest value: 99
6) Lowest value: -99999.99   Highest value: +99999.99
7) itm_number, start_date, start_time

* Part #2

Modifying colums
1) DESCRIBE orders;
2) ALTER TABLE customers
   ADD CONSTRAINT current_balance
   CHECK (current_balance >= 0)
3) DESCRIBE customers

Adding a column
1) DESCRIBE customers;
2) ~~ADD~~ ALTER TABLE customers
   ADD customer_phone_number NUMBER (11);
3) DESCRIBE customers;

Dropping TABLE
1) DESCRIBE customers;
2) ALTER TABLE customers   DROP COLUHN customer_phone_number;
3) DESCRIBE customers;
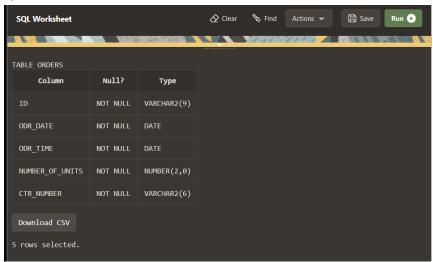
Part #2
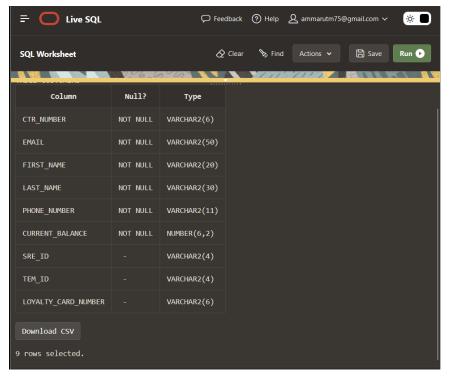
Name: AMMAR YASSER SALAH

Matrix no: A22EC3001

Section: 03

-Modifying column:

1)

2)

3)

SQL Worksheet　　◇ Clear　✂ Find　| Actions ⌄ |　💾 Save　| Run ▶ |

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)

| Download CSV |

9 rows selected.

4)

Schema \
CUSTOMERS
| Syntax Help ⌄ |　| Actions ⌄ |　| **View All Objects** |

Show All　Columns　**Constraints**　Related Constraints　Triggers　Indexes　Code

Constraints

Constraint	Type	Condition	Related Constraint	Related Table	Constraint Columns	On Delete	S
CURRENT_BALANCE	Check	current_balance >= 0	-	-	-	-	EN

-Adding a column:

1)

SQL Worksheet   Clear   Find   Actions   Save   Run

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)

Download CSV

9 rows selected.

2)

SQL Worksheet   Clear   Find   Actions   Save   Run

```
1  ALTER TABLE customers
2  ADD customer_phone_number NUMBER(11);
```

Table altered.

3)

-Dropping Table:

1)

2)

3)