

DDL

LAB EXERCISE 1 (SECTION 2)

KUGANRAJ M/L RAMESH (A22EC0177)

Part 1

1. 10 tables created
2. 6 columns
3. NOT NULL
4. ctr\_number
5. minimum : -99  
maximum : 99
6. minimum : 00000.00  
maximum : 99999.99
7. itm\_number, start\_date, start\_time

## Part 2

### Modifying column

⚡ DESCRIBE Orders

ALTER TABLE Orders

~~ADD ODR\_DATE DEFAULT SYSDATE;~~

MODIFY ODR\_DATE DATE DEFAULT SYSDATE;

DESCRIBE Orders.

# SQL Worksheet

```
1  ✓ Describe orders
2  alter table orders
3  modify odr_date date default sysdate ;
```

ODR_DATE	NOT NULL	DATE
ODR_TIME	NOT NULL	DATE
NUMBER_OF_UNITS	NOT NULL	NUMBER(2,0)
CTR_NUMBER	NOT NULL	VARCHAR2(6)

Download CSV

5 rows selected.

Table altered.

Adding check constraint

DESCRIBE Customers

ALTER TABLE Customers

ADD CONSTRAINT bal\_abv\_zero CHECK (current\_balance  $\geq$  0);

# CUSTOMERS

[Show All](#)[Columns](#)[Constraints](#)[Related Constraints](#)[Triggers](#)[Indexes](#)[Code](#)

## Constraints

Constraint	Type	Condition	Related Constraint
BAL_ABV_ZERO	Check	current_balance >= 0	-
SYS_C00136919781	Check	"CTR_NUMBER" IS NOT NULL	-
SYS_C00136919782	Check	"EMAIL" IS NOT NULL	-
SYS_C00136919783	Check	"FIRST_NAME" IS NOT NULL	-



Adding Column

DESCRIBE Customers

ALTER TABLE Customers

ADD phone\_num\_new NUMBER(11);

DESCRIBE Customers

## SQL Worksheet

```
1 v Describe orders
2 alter table customers
3 add phone_num_new NUMBER (11);
```

CURRENT_BALANCE	NOT NULL	NUMBER(6,2)
SRE_ID	-	VARCHAR2(4)
TEM_ID	-	VARCHAR2(4)
LOYALTY_CARD_NUMBER	-	VARCHAR2(6)
PHONE_NUM_NEW	-	NUMBER(11,0)

[Download CSV](#)

10 rows selected.

No.: .....

Dropping a column

DESCRIBE Customers

ALTER TABLE Customers


DROP (phone\_num\_new);

DESCRIBE Customers.

mit-tr



# SQL Worksheet



```
1 v Describe customers
2 alter table customers
3 drop (phone_num_new);
```

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)