

Name: Mohamad Syahira bin Mohamad Yusof
Matric : A22 E0145
number

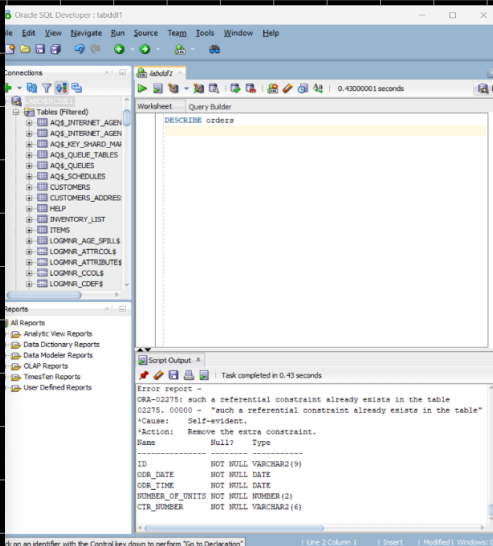
Part 1

1. 10 tables
2. 6 column
3. NOT NULL
4. cte_number
5. Lowest -99
Highest 99
6. Lowest : -99999.99
Highest : 99999.99
7. itm_number, start_date, start_time

Part 2

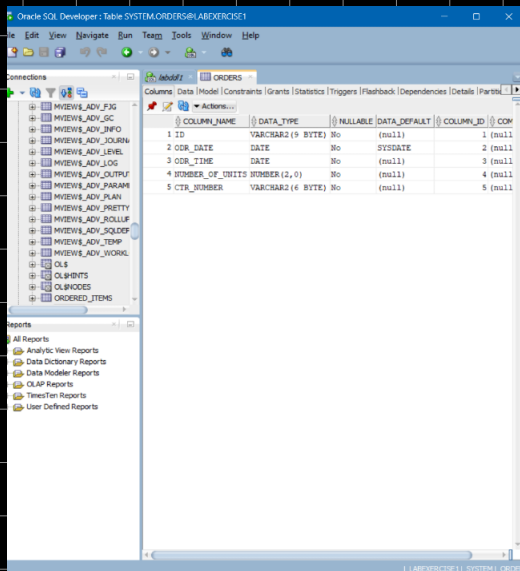
Modifying a column

1: DESCRIBE orders;



2. ALTER TABLE orders
MODIFY odr_date DATE DEFAULT SYSDATE;

3: DESCRIBE orders;



Adding a check constraint

1. DESCRIBE customers

Oracle SQL Developer: lab0811

Connections: lab0811 | CUSTOMERS | 0.02 seconds

Worksheet: Query Builder

DESCRIBE customers

Name	Null?	Type
CTR_NUMBER	NOT NULL	VARCHAR2(6)
EMAIL	NOT NULL	VARCHAR2(50)
FIRST_NAME	NOT NULL	VARCHAR2(20)
LAST_NAME	NOT NULL	VARCHAR2(50)
PHONE_NUMBER	NOT NULL	VARCHAR2(11)
CURRENT_BALANCE	NOT NULL	NUMBER(6,2)
SPE_ID		VARCHAR2(4)
TEN_ID		VARCHAR2(4)
LOYALTY_CARD_NUMBER		VARCHAR2(6)

Task completed in 0.02 seconds

2. ALTER TABLE customers

ADD CONSTRAINT chk_current_balance CHECK (current_balance >= 0);

3. DESCRIBE customers

Oracle SQL Developer: Table SYSTEM/CUSTOMERS@LAB0811

Connections: lab0811 | CUSTOMERS | 0.02 seconds

Worksheet: Query Builder

DESCRIBE customers

CONSTRAINT_NAME	CONSTRAINT_TYPE	SEARCH_CONDITION	R_OWNER	R_TABLE
CHK_CURRENT_BALANCE	Check	current_balance >= 0	(null)	(null)
CTR_EMAIL_UK	Unique	(null)	(null)	(null)
CTR_SPE_ID_UK	Unique	(null)	(null)	(null)
CUSTOMER_PK	Primary_Key	(null)	(null)	(null)
CUSTOMER_SALES_REF_FK	Foreign_Key	(null)	SYSTEM	SALES
CUSTOMER_TEAM_FK	Foreign_Key	(null)	SYSTEM	TEAMS
SYT_C000294	Check	"CTR_NUMBER" IS NOT NULL	(null)	(null)
SYT_C000295	Check	"EMAIL" IS NOT NULL	(null)	(null)
SYT_C000296	Check	"FIRST_NAME" IS NOT NULL	(null)	(null)
SYT_C000297	Check	"LAST_NAME" IS NOT NULL	(null)	(null)
SYT_C000298	Check	"PHONE_NUMBER" IS NOT NULL	(null)	(null)
SYT_C000299	Check	"CURRENT_BALANCE" IS NOT NULL	(null)	(null)

Columns

Refresh: 0:00

Columns: COLUMNS...

Oracle SQL Developer: lab0811

Connections: lab0811 | CUSTOMERS | 0.02 seconds

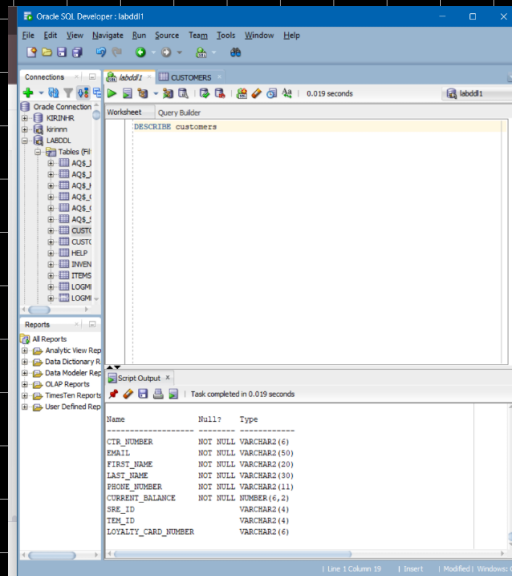
Worksheet: Query Builder

DESCRIBE customers

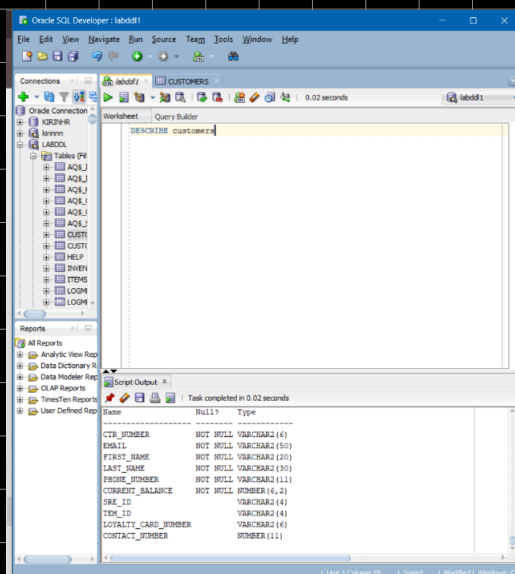
Name	Null?	Type
CTR_NUMBER	NOT NULL	VARCHAR2(6)
EMAIL	NOT NULL	VARCHAR2(50)
FIRST_NAME	NOT NULL	VARCHAR2(20)
LAST_NAME	NOT NULL	VARCHAR2(50)
PHONE_NUMBER	NOT NULL	VARCHAR2(11)
CURRENT_BALANCE	NOT NULL	NUMBER(6,2)
SPE_ID		VARCHAR2(4)
TEN_ID		VARCHAR2(4)
LOYALTY_CARD_NUMBER		VARCHAR2(6)

Task completed in 0.02 seconds

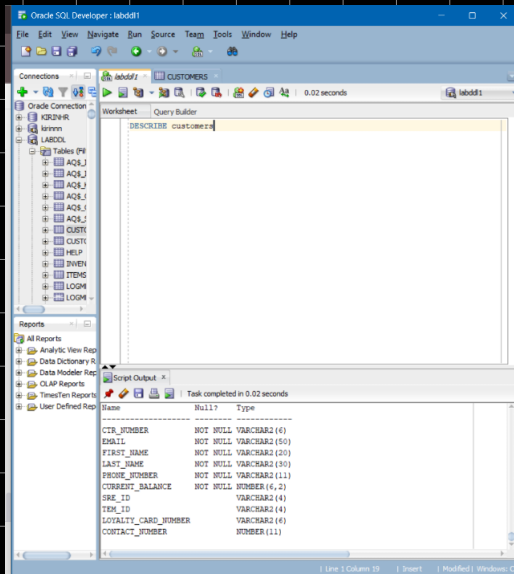
Adding a column.
1 DESCRIBE customers



2 ALTER TABLE customer
ADD (contact_number NUMBER(11)).
3 DESCRIBE customer;



Dropping a column.
4 DESCRIBE customers



2 ALTER TABLE customers
DROP COLUMN contact_number;

3 DESCRIBE customers

