

Lab Exercise I

Part I

1. 10 tables created

2. 6 columns

3. NOT NULL

4. ctr_number

5. min : -99

max : 99

6. min : -9999999.99

max : 9999999.99

7. a. itm_number

b. start_date

c. 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;
2. ALTER TABLE customers
ADD CONSTRAINT current_balance_min CHECK (current_balance >= 0)
3. DESCRIBE customers;

4.

	CONSTRAINT_NAME	CONSTRAINT_TYPE	SEARCH_CONDITION	R_OWNER	R_TABLE_NAME	R_CONSTRAINT_NAME	DELETE_RULE	STATUS	DEFERRABLE	VALIDATED	GENERATED	BAD	RELY	LAST_
1	CTR_EMAIL_UK	Unique	(null)	(null)	(null)	(null)	(null)	ENABLED	NOT DEFERRABLE	VALIDATED	USER NAME	(null)	(null)	01/11/20
2	CTR_LCH_UK	Unique	(null)	(null)	(null)	(null)	(null)	ENABLED	NOT DEFERRABLE	VALIDATED	USER NAME	(null)	(null)	01/11/20
3	CURRENT_BALANCE_MIN	Check	current_balance >= 0	(null)	(null)	(null)	(null)	ENABLED	NOT DEFERRABLE	VALIDATED	USER NAME	(null)	(null)	01/11/20
4	CUSTOMER_PK	Primary_Key	(null)	(null)	(null)	(null)	(null)	ENABLED	NOT DEFERRABLE	VALIDATED	USER NAME	(null)	(null)	01/11/20
5	SYS_C008261	Check	"CTR_NUMBER" IS NOT NULL	(null)	(null)	(null)	(null)	ENABLED	NOT DEFERRABLE	VALIDATED	GENERATED NAME	(null)	(null)	01/11/20
6	SYS_C008262	Check	"EMAIL" IS NOT NULL	(null)	(null)	(null)	(null)	ENABLED	NOT DEFERRABLE	VALIDATED	GENERATED NAME	(null)	(null)	01/11/20
7	SYS_C008263	Check	"FIRST_NAME" IS NOT NULL	(null)	(null)	(null)	(null)	ENABLED	NOT DEFERRABLE	VALIDATED	GENERATED NAME	(null)	(null)	01/11/20
8	SYS_C008264	Check	"LAST_NAME" IS NOT NULL	(null)	(null)	(null)	(null)	ENABLED	NOT DEFERRABLE	VALIDATED	GENERATED NAME	(null)	(null)	01/11/20
9	SYS_C008265	Check	"PHONE_NUMBER" IS NOT NULL	(null)	(null)	(null)	(null)	ENABLED	NOT DEFERRABLE	VALIDATED	GENERATED NAME	(null)	(null)	01/11/20
10	SYS_C008266	Check	"CURRENT_BALANCE" IS NOT NULL	(null)	(null)	(null)	(null)	ENABLED	NOT DEFERRABLE	VALIDATED	GENERATED NAME	(null)	(null)	01/11/20

Adding a column

1. DESCRIBE customers;
2. ALTER TABLE customers
ADD mobile_phone NUMBER(11);
3. DESCRIBE customers;

Dropping a column

1. DESCRIBE customers;
2. ALTER TABLE customers
DROP (mobile_phone);
3. DESCRIBE customers;