Database   Section 06 - Lab Exercises   SQL 1

Part 1 : Reading Information from a Script

1. 10 tables

2. 6 column

3. NOT NULL

4. ~~itm_number~~ customer_address_customer_fk

5. ~~Minimum~~ Lowest   = - 99

      Highest   =   99

6. Lowest   = - 99, 999. 99

   Highest   = 99, 999. 99

7. itm_number, start_date, start_time

Part 2 : Updating Constraints

※ Modifying a Column

1. DESC ORDERS ;

2. ALTER TABLE ORDERS MODIFY ord_date DEFAULT SYSDATE ;

3. DESC ORDERS ;   -- This won't show default value

    ~~SELECT column_name~~

   SELECT column_name, data_default FROM user_tab_columns WHERE

   table_name = `ORDERS' ;   -- This would show the default value

※ Adding a check constraint

1. DESC CUSTOMERS;

2. ALTER TABLE CUSTOMERS
   ADD CONSTRAINT current_balance_check
   CHECK (current_balance >= 0);

3. DESC CUSTOMERS;

4. SELECT * FROM user_cons_columns
   WHERE table_name = `CUSTOMERS`

※ Adding a column

1. DESC CUSTOMERS;

2. ALTER TABLE CUSTOMERS
   ADD opt_phone_number NUMBER(11);

3. DESC CUSTOMERS;

※ Dropping a column

1. DESC CUSTOMERS;

2. ALTER TABLE CUSTOMERS
   DROP COLUMN opt_phone_number;

3. DESC CUSTOMERS;