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SQL DDL - Exercise 1

1. Ten tables have been created
2. There are 6 columns in the price-history table. Namely, start-date, start-time, price, end-date, end-time, and itm-number
3. The way in how to enforce constraint on the column to must have value is by using the sentence NOT NULL
4. The name of foreign key constraint between customers and customer addresses is ctr-number
5. The lowest and highest value that can be stored in comm-commission-rate column are 0 and 99
6. It stated that Number (7,2) meaning 7 digit with 2 decimal places. Lowest value is -999999.99 and highest value 999999.99
7. itm-number, start-date, and start-time

Task 2

Modify a column

1. Describe orders;
2. Alter table orders

ALTER TABLE orders MODIFY order_date DATE DEFAULT SYSDATE;

3. Describe orders;

Adding check constraint

1. ~~DESCRIBE~~ customers;
2. ALTER TABLE customers

ADD CONSTRAINT check_balance CHECK (current_balance >= 0)

3. DESCRIBE customers;

Adding a column

1. DESCRIBE customers;
2. ALTER TABLE customers
3. ADD mobile_phone_number VARCHAR2(11);
7. DESCRIBE customers;

Dropping a column

1. DESCRIBE customers;
2. ALTER TABLE customers

DROP COLUMN mobile_phone_number

3. DESCRIBE customers;