



Objective: CREATE TABLE statement, Primary/Foreign key constraints

Problem 1:

Create the following table:

- Table name: customer
- Columns:
 - customerID (whole number max 4 digits)
 - customerName (variable character max 50 characters)
 - customerSince (date)
- Primary key on column customerID named customer_pk

Problem 2:

Execute the following two statements (inserting one sample record into table customer and verifying that record was correctly inserted):

- INSERT INTO customer VALUES(1008, 'New Customer', sysdate);
- SELECT * FROM customer;

Problem 3:

Create a second table:

- Table name: orders
- Columns:
 - orderID (whole number max 8 digits)
 - orderDate (date)
 - shippingMethod (variable character max 25 characters)
 - customerID (whole number max 4 digits)
- Primary key on column orderID named orderID_pk
- Foreign key on column customerID relating to column customerID in table customer named customerid_fk

Problem 4:

Execute the following statements:

- INSERT INTO orders VALUES(12345678, sysdate, '2-Day', 1008);
- INSERT INTO orders VALUES(88888888, sysdate, '2-Day', 1009);
- SELECT * FROM orders;

Problem 5:

Explain why the second INSERT statement under 4. failed with an error (No screenshot needed, simply a written answer).