DDL

CREATE TABLE products

( id VARCHAR2(10),

  product\_name varchar2(50) NOT NULL,

  price NUMBER CHECK(price > 0),

  CONSTRAINT product\_pk PRIMARY KEY (id)

);

CREATE TABLE customers

( id VARCHAR2(20),

  customer\_name VARCHAR2(20) NOT NULL,

  customer\_tel NUMBER,

  CONSTRAINT customers\_pk PRIMARY KEY (id)

);

CREATE TABLE orders

( quantity NUMBER,

  total\_amount NUMBER,

  customer\_id VARCHAR2(20),

  product\_id VARCHAR2(10),

  CONSTRAINT fk\_customers

    FOREIGN KEY (customer\_id)

    REFERENCES customers(id),

  CONSTRAINT fk\_products

    FOREIGN KEY (product\_id)

    REFERENCES products(id)

);

ALTER TABLE products ADD category VARCHAR2(20);

ALTER TABLE orders ADD order\_date DATE DEFAULT SYSDATE;