Prob 1.

상품(상품번호, 이름, 상품설명, 판매가격, 공급가격, 제조일, 유통기한, 카테고리)

제조사(회사번호, 회사명, 주소, 우편번호, 대표전화번호, 이메일, 홈페이지)

직원(직원번호, 이름, 성별, 소속, 입사년도)

고객(고객번호, 이름, 전화번호(집), 전화번호(휴대폰), 주소, 생년월일, 직업)

Prob 2.

주문(주문번호, 주문일, 주문수량, 총금액)

제조(제조번호, 제조일자,

Prob 3.

Product (pid, name, description, sales\_price, supply\_price, manufacturing\_date, expiration\_date, category)

|  |  |  |
| --- | --- | --- |
| pid | INTEGER | Primary Key |
| name | CHAR(20) |  |
| description | CHAR(100) |  |
| salse\_price | DOUBLE |  |
| supply\_price | DOUBLE |  |
| manufacturing\_date | DATE |  |
| expiration\_date | DATE |  |
| category | CHAR(10) |  |

Manufacturer (mid, name, address, zip\_code, phone\_number, e-mail, homepage)

|  |  |  |
| --- | --- | --- |
| mid | INTEGER | Primary Key |
| name | CHAR(20) |  |
| address | CHAR(100) |  |
| zip\_code | INTEGER |  |
| phone\_number | CHAR(20) |  |
| e-mail | CHAR(20) |  |
| homepage | CHAR(20) |  |

Employee (eid, name, gender, affiliation, year\_of\_employment)

|  |  |  |
| --- | --- | --- |
| eid | INTEGER | Primary Key |
| name | CHAR(20) |  |
| gender | CHAR(10) |  |
| affiliation | CHAR(20) |  |
| year\_of\_employment | DATE |  |

Customer (cid, name, phone\_number, mobile\_number, address, date\_of\_birth, occupation)

|  |  |  |
| --- | --- | --- |
| cid | INTEGER | Primary Key |
| name | CHAR(20) |  |
| phone\_number | CHAR(20) |  |
| mobile\_number | CHAR(20) |  |
| address | CHAR(20) |  |
| date\_of\_birth | DATE |  |
| occupation | CHAR(20) |  |

Prob 4.

Prob 5.

CREATE TABLE Product (

pid INTEGET PRIMARY KEY,

name VARCHAR(20),

description VARCHAR(100),

sales\_price DOUBLE,

supply\_price DOUBLE,

manufacturing\_date DATE,

expiration\_date DATE,

category VARCHAR(20)

);

CREATE TABLE Manufacturer (

mid INTEGET PRIMARY KEY,

name VARCHAR(20),

address VARCHAR(100),

zip\_code INTEGER,

phone\_number VARCHAR(20),

e-mail VARCHAR(20),

homepage VARCHAR(20)

);

CREATE TABLE Employee (

eid INTEGER,

name VARCHAR(20),

gender VARCHAR(20),

affiliation VARCHAR(20),

year\_of\_employment DATE

);

CREATE TABLE Customer (

cid INTEGER PRIMARY KEY,

name VARCHAR(20),

phone\_number VARCHAR(20),

mobile\_number VARCHAR(20),

address VARCHAR(20),

date\_of\_birth DATE,

occupation VARCHAR(20)

);

Prob 6.