Justin Bradshaw
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Relational Data Models

Primary keys are in red, foreign keys are in blue

CREATE TABLE products (

Id int PRIMARY KEY,

name varchar(200),

availableUnits int,

price float,

barcode int,

providerInfo varchar(1000),

providerName varchar(200)

);

products

Id (int)	name varchar(200)	availableUnits int	price float	barcode int	providerInfo varchar(1000)	providerName varchar(200)
0	Apple	50	0.99	1568494530	568 S 400 W Atlanta, Georgia 48934 895-594-8745	Johnny Appleseed
1	Banana	74	0.58	1578965445	896 W 500 N Tallahassee, Florida 45897 458-521-845...	Dole Johnson

CREATE TABLE customers (

customerID int PRIMARY KEY,

name varchar(200),

address varchar(500),

rewardCard int,

rewardPoints int

);

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customers

customerID int	name varchar(200)	address varchar(500)	rewardCard	rewardPoints
0	William Banks	896 W 500 N Tallahassee, Florida 45897 458-521-845...	102548	2050
1	Mason Jones	584 Center St. San Francisco, CA 65860	589654	3600

CREATE TABLE orders (

orderID int PRIMARY KEY,

customerID int,

paymentType varchar(50),

totalCost double,

deliveryMethod varchar(50)

orderDate varchar(50)

);

orders

orderID int	customerID int	paymentType varchar(50)	totalCost double	deliveryMethod varchar(50)	orderDate varchar(50)
0	0	Cash	12.83	Pick Up	2017/03/12
1	1	Check	11.86	Pick Up	2017/03/16

CREATE TABLE employees (

id int PRIMARY KEY,

name varchar(30),

password varchar(30),

accessRights smallint,

image varchar(200)

);

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employees

id int	name varchar(30)	password varchar(30)	accessRights smallint(6)	Image varchar(200)
0	Ignacio S	spicyTortillas	1	data/black_curly_hair_man.jpg
1	Andrew F	blueMonkey45	2	data/handsome_guy.jpg

CREATE TABLE saleItems (

id int PRIMARY KEY,

name varchar(200),

salePrice double,

startDate varchar(50),

endDate varchar(50)

);

id	name	salePrice	startDate	endDate
0	Apple	0.79	2017/03/31	2017/04/10
1	Carrots	1.00	2017/04/01	2017/04/30

CREATE TABLE orderhelper (

orderID int FOREIGN KEY,

productid int FOREIGN KEY,

productPrice double,

quantity int,

orderDate varchar(50)

);

orderID	productID	productPrice	quantity	orderDate
0	2	0.75	2	2017/03/31
1	6	0.99	4	2017/03/31

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barcode

price

units

name

providerInfo

product

providerName

contains

order

custID

orderID

paymentType

totalCost

info

deliveryMethod

processes

makes

name

employee

customer

name

id

id

accessRight

address

image

password

contains

orderHelper

orderDate

orderID

productPrice

productID

quantity