

Create table brands

```
create table brands (  
  brand_id int(11) not null,  
  brand_name varchar(255),  
  primary key (brand_id)  
)
```

Field	Type	Null	Key
brand_id	int(11)	NO	PRI
brand_name	varchar(255)	YES	

Create table categories

```
create table categories (  
  category_id int(11) not null,  
  category_name varchar(255),  
  primary key (category_id)  
)
```

Field	Type	Null	Key
category_id	int(11)	NO	PRI
category_name	varchar(255)	YES	

Create table customers

```
create table customers (  
  customer_id int(11) not null,  
  first_name varchar(255),  
  last_name varchar(255),  
  phone varchar(25),  
  email varchar(255),  
  street varchar(255),  
  city varchar(50),  
  state varchar(25),  
  zip_code varchar(5),  
  primary key (customer_id)  
)
```

ABC Field	ABC Type	ABC Null	ABC Key
customer_id	int(11)	NO	PRI
first_name	varchar(255)	YES	
last_name	varchar(255)	YES	
phone	varchar(25)	YES	
email	varchar(255)	YES	
street	varchar(255)	YES	
city	varchar(50)	YES	
state	varchar(25)	YES	
zip_code	varchar(5)	YES	

Create table stores

```
create table stores (  
  store_id int(11) not null,  
  store_name varchar(255),  
  phone varchar(25),  
  email varchar(255),  
  street varchar(255),  
  city varchar(255),  
  state varchar(10),  
  zip_code varchar(5),  
  primary key (store_id)  
)
```

ABC Field	ABC Type	ABC Null	ABC Key
store_id	int(11)	NO	PRI
store_name	varchar(255)	YES	
phone	varchar(25)	YES	
email	varchar(255)	YES	
street	varchar(255)	YES	
city	varchar(255)	YES	
state	varchar(10)	YES	
zip_code	varchar(5)	YES	

Create table products

```
create table products (  
  product_id int(11) not null,  
  product_name varchar(255),  
  brand_id int(11),  
  category_id int(11),  
  model_year smallint(6),  
  list_price decimal(10,2),  
  primary key (product_id),  
  foreign key (brand_id) references brands (brand_id),  
  foreign key (category_id) references categories (category_id)  
)
```

Field	Type	Null	Key
product_id	int(11)	NO	PRI
product_name	varchar(255)	YES	
brand_id	int(11)	YES	MUL
category_id	int(11)	YES	MUL
model_year	smallint(6)	YES	
list_price	decimal(10,2)	YES	

Create table staffs

```
create table staffs (  
  staff_id int(11) not null,  
  first_name varchar(50),  
  last_name varchar(50),  
  email varchar(255),  
  phone varchar(25),  
  active tinyint(4),  
  store_id int(11),  
  manager_id int(11),  
  primary key (staff_id),  
  foreign key (store_id) references stores (store_id),  
  foreign key (manager_id) references staffs (staff_id)  
)
```

Field	Type	Null	Key
staff_id	int(11)	NO	PRI
first_name	varchar(50)	YES	
last_name	varchar(50)	YES	
email	varchar(255)	YES	
phone	varchar(25)	YES	
active	tinyint(4)	YES	
store_id	int(11)	YES	MUL
manager_id	int(11)	YES	MUL

Create table orders

```
create table orders (  
  order_id int(11) not null,  
  customer_id int(11),  
  order_status tinyint(4),  
  order_date date,  
  required_date date,  
  shipped_date date,  
  store_id int(11),  
  staff_id int(11),  
  primary key (order_id),  
  foreign key (customer_id) references customers (customer_id),  
  foreign key (store_id) references stores (store_id),  
  foreign key (staff_id) references staffs (staff_id)  
)
```

Field	Type	Null	Key
order_id	int(11)	NO	PRI
customer_id	int(11)	YES	MUL
order_status	tinyint(4)	YES	
order_date	date	YES	
required_date	date	YES	
shipped_date	date	YES	
store_id	int(11)	YES	MUL
staff_id	int(11)	YES	MUL

Create table order_items

```
create table order_items (  
  order_id int(11) not null,  
  item_id int(11) not null,  
  product_id int(11),  
  quantity int(11),  
  list_price decimal(10,2),  
  discount decimal(4,2),  
  primary key (item_id,order_id),  
  foreign key (order_id) references orders (order_id),  
  foreign key (product_id) references products (product_id)  
)
```

Field	Type	Null	Key
order_id	int(11)	NO	PRI
item_id	int(11)	NO	PRI
product_id	int(11)	YES	MUL
quantity	int(11)	YES	
list_price	decimal(10,2)	YES	
discount	decimal(4,2)	YES	

Create table stocks

```
create table stocks (  
  store_id int(11) not null,  
  product_id int(11) not null,  
  quantity int(11),  
  primary key (store_id,product_id),  
  foreign key (store_id) references stores (store_id),  
  foreign key (product_id) references products (product_id)  
)
```

Field	Type	Null	Key
store_id	int(11)	NO	PRI
product_id	int(11)	NO	PRI
quantity	int(11)	YES	