

```
--NOT NULL constraint
=====
drop table orders;

CREATE TABLE orders (
    order_id int NOT NULL,
    order_item_id int NOT NULL,
    order_date date NOT NULL,
    customer_id int NOT NULL,
    order_status varchar(20) NOT NULL,
    product_id int NOT NULL,
    quantity int NOT NULL,
    product_price float NOT NULL,
    total_price float NOT NULL
);

INSERT INTO orders VALUES
(1, 1, '2013-07-25', 11599, null, 957, 1, 299.98, 299.98);

CREATE TABLE customers (
    customer_id int NOT NULL,
    customer_fname varchar(45) NOT NULL,
    customer_lname varchar(45) NOT NULL,
    customer_email varchar(45) NOT NULL,
    customer_phone varchar(45),
    customer_street varchar(255),
    customer_city varchar(45) NOT NULL,
    customer_state varchar(45) NOT NULL,
    customer_zipcode varchar(10)
);

--PRIMARY KEY CONSTRAINT
=====

-- A KEY WHICH CANUNIQUELY IDENTIFY A RECORD,
-- A PRIMARY KEY WILL NOT TAKE NULL VALUES

CREATE TABLE customers (
    customer_id int,
    customer_fname varchar(45) ,
    customer_lname varchar(45),
    customer_email varchar(45) ,
    customer_phone varchar(45) ,
    customer_street varchar(255) ,
    customer_city varchar(45) ,
    customer_state varchar(45) ,
    customer_zipcode varchar(10)
```

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);

INSERT INTO customers VALUES
(1,'Richard','Hernandez','richard@gmail.com',null,'6303 Heather Plaza','Brownsville','TX','78521');
INSERT INTO customers VALUES
(1,'Mary','Barrett','mary@gmail.com',null,'9526 Noble Embers Ridge','Littleton','CO','80126');
select * from customers;

CREATE TABLE customers (
    customer_id int PRIMARY KEY,
    customer_fname varchar(45) ,
    customer_lname varchar(45),
    customer_email varchar(45) ,
    customer_phone varchar(45) ,
    customer_street varchar(255) ,
    customer_city varchar(45) ,
    customer_state varchar(45) ,
    customer_zipcode varchar(10)
);

CREATE TABLE customers (
    customer_id int,
    customer_fname varchar(45) ,
    customer_lname varchar(45),
    customer_email varchar(45) ,
    customer_phone varchar(45) ,
    customer_street varchar(255) ,
    customer_city varchar(45) ,
    customer_state varchar(45) ,
    customer_zipcode varchar(10),
    PRIMARY KEY (customer_id)
);

CREATE TABLE order_items (
    order_id INT PRIMARY KEY,
    product_id INT PRIMARY KEY,
    quantity INT
)

CREATE TABLE order_items (
    order_id INT,
    product_id INT,
    quantity INT,
    PRIMARY KEY (order_id, product_id)
);

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```
INSERT INTO order_items VALUES (1,101,2) ;  
INSERT INTO order_items VALUES (1,102,3) ;  
INSERT INTO order_items VALUES (1,102,5) ;
```