

Beer Club

The Data Problem:

Mateo has created a small network of friends who share the same interest for craft beers as he does. His network not only shares the interest for hoppy crafty brews, but also trade their beers with each other on weekly basis. In addition, they also try to attend as many beer festival events as possible to taste as many different beers as possible.

As his network of craft beer lovers grow, Mateo has decided to make it more official in order to keep track of all his followers, all of the beer trades that happen, and all the different beers. The Beer Club would like to maintain a member list including their names, email address, Instagram user name, and favor style of beer.

The Beer Club would also like to maintain a list of the beers and breweries the members have tried. Each beer may be tried by one or many member and could have many ratings. Each beer must include its name, brewery, beer style, International bitterness Units (IBU), and alcohol by volume (Abv). Each beer can be identified by a BeerID.

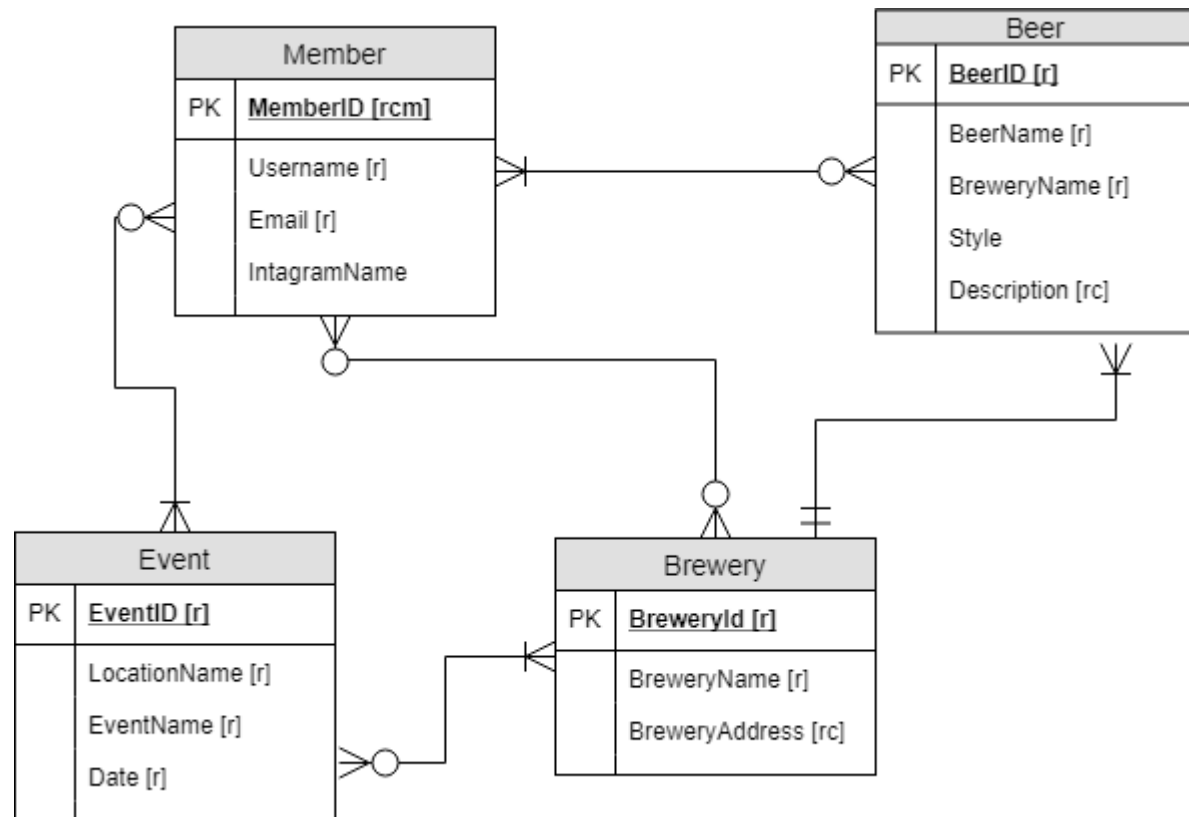
The Beer Club would also like to maintain a list of the breweries. The breweries can be identified by a brewery ID. A member can visit one or many breweries. A brewery can be at one or many Beer Fest events. Each brewery must have a name and address.

Beer Fest events consist of one or many breweries at specified location, which one or many member can attend. Each brewery can have one to many beers for the members to sample and buy. Each Beer Fest will have a set price as an entrance fee for each member. For each Beer Fest, the Beer Club would like to know the date, location, number of breweries attending and theme of the event.

The Beer club would like to this database to be able to answer the questions such as the following:

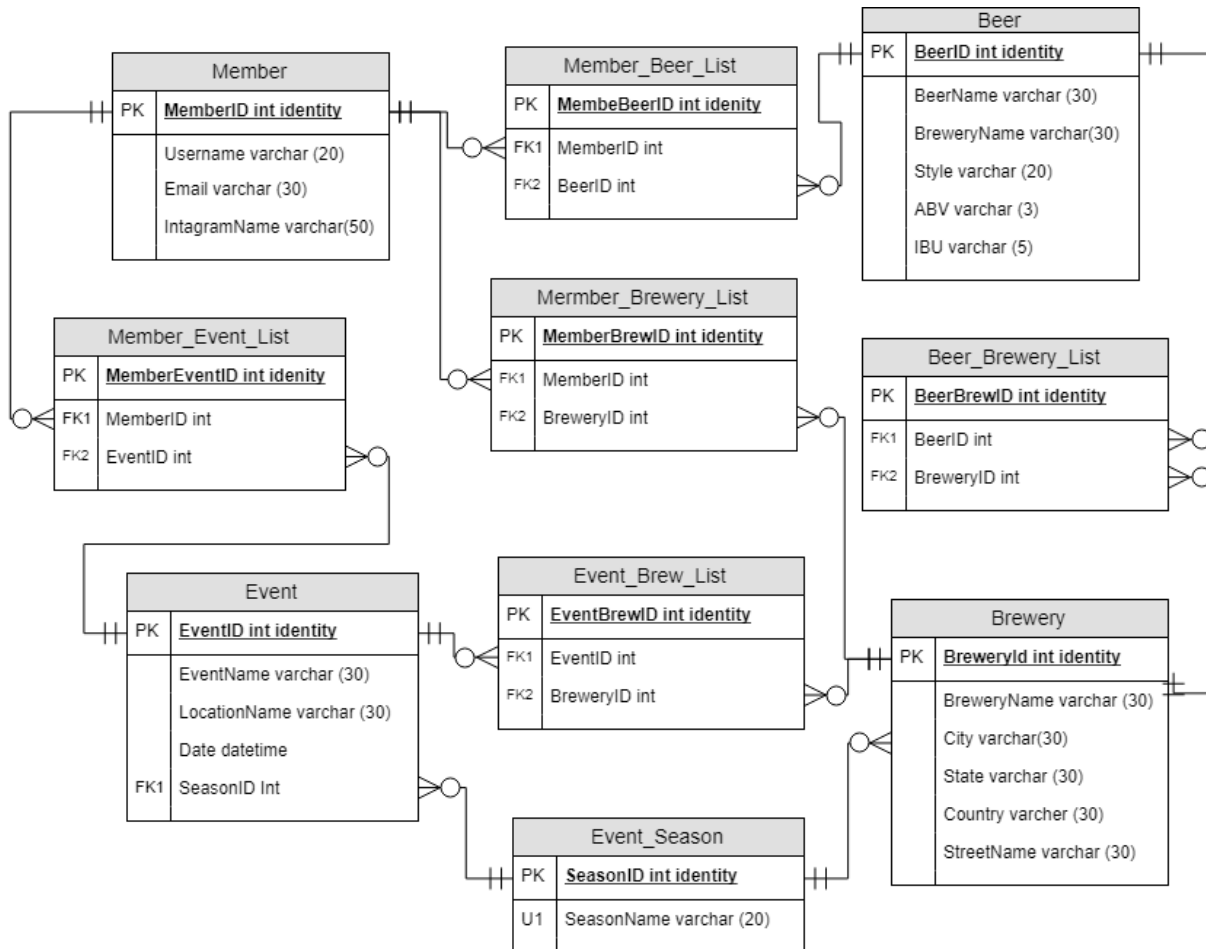
- Which beers is the most popular among the member of the club?
- What is the average IBU of the top 100 beers rated by the members?
- What style of beer is most popular during each season?
- Which members have visited the most breweries?
- Which Beer Fest has the highest number of attendees? and how many distinct breweries were at that event?

The Conceptual Model



Normalized Logical Model

After reviewing the data and normalizing the model, the following diagram shows the final logical model to be implemented.



PART 2:

SQL Code:

```
/*
  Author: Mateo Arelaez
  Course: IST 659
  Term: July 2018

  Beer Club Database
*/

-- DROP TABLES

IF EXISTS (SELECT * FROM INFORMATION_SCHEMA.TABLES WHERE TABLE_NAME =
'Member_Event_List')
BEGIN
    DROP TABLE Member_Event_List
END
IF EXISTS (SELECT * FROM INFORMATION_SCHEMA.TABLES WHERE TABLE_NAME = 'Event_Brew_list')
BEGIN
    DROP TABLE Event_Brew_list
END
IF EXISTS (SELECT * FROM INFORMATION_SCHEMA.TABLES WHERE TABLE_NAME='Events')
BEGIN
    DROP TABLE Events
END
IF EXISTS (SELECT * FROM INFORMATION_SCHEMA.TABLES WHERE TABLE_NAME='Event_season')
BEGIN
    DROP TABLE Event_Season
END
IF EXISTS (SELECT * FROM INFORMATION_SCHEMA.TABLES WHERE
TABLE_NAME='Member_Brewery_List')
BEGIN
    DROP TABLE Member_Brewery_List
END
IF EXISTS (SELECT * FROM INFORMATION_SCHEMA.TABLES WHERE TABLE_NAME='Beer_Brewery_List')
BEGIN
    DROP TABLE Beer_Brewery_List
END
IF EXISTS (SELECT * FROM INFORMATION_SCHEMA.TABLES WHERE TABLE_NAME='Brewery')
BEGIN
    DROP TABLE Brewery
END
IF EXISTS (SELECT * FROM INFORMATION_SCHEMA.TABLES WHERE TABLE_NAME='Member_Beer_list')
BEGIN
    DROP TABLE Member_Beer_list
END
IF EXISTS (SELECT * FROM INFORMATION_SCHEMA.TABLES WHERE TABLE_NAME='Beer')
BEGIN
    DROP TABLE Beer
END
IF EXISTS (SELECT * FROM INFORMATION_SCHEMA.TABLES WHERE TABLE_NAME='Member')
BEGIN
    DROP TABLE Member
END
```

```

-- Creating the Member table

CREATE TABLE Member (

-- Columns for the Member table
    MemberID int identity,
    Username varchar(30) not null,
    Email varchar(30) not null,
    InstagramName varchar(50)

-- Contrains on the Member table

    CONSTRAINT PK_Member PRIMARY KEY (MemberID),
    CONSTRAINT U1_Member UNIQUE (Username),
    CONSTRAINT U2_Member UNIQUE (email)
)

-- End Creating the User table

-- Creating Beer table
CREATE TABLE Beer (
-- Columns for Beer table
    BeerID int identity,
    BeerName varchar(80) not null,
    Brewery varchar(80) not null,
    Style varchar(50)not null,
    ABV varchar(10),
    IBU varchar(10)
-- Constraints on the Beer table

    CONSTRAINT PK_Beer PRIMARY KEY (BeerID)
)

-- Creating the Member_Beer_list table

CREATE TABLE Member_Beer_list (
-- Columns for the MBL (Member_Beer_list)
    MemberBeerID int identity,
    MemberID int not null,
    BeerId int not null

-- Constraints on Member_Beer_list
    CONSTRAINT PK_Member_Beer_list PRIMARY KEY (MemberBeerID),
    CONSTRAINT FK1_Member_Beer_list FOREIGN KEY (MemberID)REFERENCES
Member(MemberID),
    CONSTRAINT FK2_Member_Beer_list FOREIGN KEY (BeerID)REFERENCES Beer(BeerID)
)

--Creating the Brewery table
CREATE TABLE Brewery(

-- Columns for Brewery
    BreweryID int identity,
    BreweryName varchar (100) not null,
    City varchar (100) Not Null,
    StateName varchar(30) not null,

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```

        Country varchar(30) not null,
        Streetname varchar(30)

-- Constraiants on Brewery table

        CONSTRAINT PK_Brewery PRIMARY KEY (BreweryID)
    )

-- Creating Beer_Brewery_List
    CREATE TABLE Beer_Brewery_list(

-- Columns for Beer_brewery_list
        BeerBrewID int identity,
        BeerID int not null,
        BreweryID int not null

--Constraints on Beer_brewery_list table
        CONSTRAINT PK_Beer_brewery_list PRIMARY KEY (BeerBrewID),
        CONSTRAINT FK1_Beer_brewery_list FOREIGN KEY (BeerID)REFERENCES
Beer(BeerID),
        CONSTRAINT FK2_Beer_brewery_list FOREIGN KEY (BreweryID)REFERENCES
Brewery(BreweryID)
    )

-- Creating Member_brewery_List table
    CREATE TABLE Member_Brewery_List (

-- Columns for Member_Brewery_List
        MemberBrewID int identity,
        MemberID int not null,
        BreweryID int not null

-- Constraints on Member_brewery_list

        CONSTRAINT PK_Member_Brewery_List PRIMARY KEY (MemberBrewID),
        CONSTRAINT FK1_Member_Brewery_List FOREIGN KEY (MemberID)REFERENCES
Member(MemberID),
        CONSTRAINT FK2_Member_Brewery_List FOREIGN KEY (BreweryID)REFERENCES
Brewery(BreweryID)
    )

-- Create event_season table
    CREATE TABLE Event_Season (

--Columns for table
        SeasonID int identity,
        SeasonName varchar (20) not null

-- Constraints on event_season
        CONSTRAINT PK_Event_season PRIMARY KEY (SeasonId),
        CONSTRAINT UI_Event_Season UNIQUE (SeasonName)
    )

--Creating the Events table
    CREATE TABLE Events (
-- Columns for event table
        EventID int identity,
```

```

        EventName varchar (100) not null,
        LocationName varchar (100) not null,
        EventDate datetime not null,
        SeasonID int

-- Constraints on Events table
        CONSTRAINT PK_Events PRIMARY KEY (EventID),
        CONSTRAINT FK1_Events FOREIGN KEY (SeasonID) REFERENCES
Event_Season(Seasonid)

)

-- Creating Event_Brew_list table
        CREATE TABLE Event_Brew_List (

-- Columns for table
        EventBrewID int identity,
        EventID int not null,
        BreweryID int not null

-- Constraints on Event_Brew_list

        CONSTRAINT PK_Event_Brew_list PRIMARY KEY (EventBrewID),
        CONSTRAINT FK1_Event_Brew_list FOREIGN KEY (BreweryID) REFERENCES
Brewery(BreweryID),
        CONSTRAINT FK2_Event_Brew_list FOREIGN KEY (EventID) REFERENCES Events
(EventID)

)

-- Creating Member_Event_List table
        CREATE TABLE Member_Event_List (

--Columns for table
        MemberEventID int identity,
        MemberID int not null,
        EventID int not null,

--Constraints on Member_Event_List table
        CONSTRAINT PK_Member_Event_List PRIMARY KEY (MemberEventID),
        CONSTRAINT FK1_Member_Event_List FOREIGN KEY (MemberID) REFERENCES
Member(MemberID),
        CONSTRAINT FK2_Member_Event_List FOREIGN KEY (EventID) REFERENCES Events
(EventID)

)

-- Selecting all columns from all tables to check work

SELECT * FROM Beer
SELECT * FROM Brewery
SELECT * FROM Member
SELECT * FROM Beer_Brewery_list
SELECT * FROM Event_Brew_List
SELECT * FROM Event_Season
SELECT * FROM Events
SELECT * FROM Member_Beer_list
SELECT * FROM Member_Brewery_List
SELECT * FROM Member_Event_List

-- Adding Data to the Event_Season table

```

```
INSERT INTO Event_Season(SeasonName)
VALUES
```

```
    ('Spring'),
    ('Summer'),
    ('Fall'),
    ('Winter')
```

```
SELECT * FROM Event_Season
```

-- Adding Data to the Members table

```
INSERT INTO Member(Uname, email, InstagramName)
VALUES
```

```
    ('UserName01', 'UserName01@domain.com', 'BeerLover'),
    ('UserName02', 'UserName02@domain.com', 'brewguy'),
    ('UserName03', 'UserName03@domain.com', 'brewgirl'),
    ('UserName04', 'UserName04@domain.com', 'brewsNy'),
    ('UserName05', 'UserName05@domain.com', 'BeermePls'),
    ('UserName06', 'UserName06@domain.com', 'BeermeIpa'),
    ('UserName07', 'UserName07@domain.com', 'IPALover'),
    ('UserName08', 'UserName08@domain.com', 'Forthelovbeer'),
    ('UserName09', 'UserName09@domain.com', 'Beer_beer'),
    ('UserName10', 'UserName10@domain.com', 'Beersssss')
```

```
SELECT * FROM Member
```

```
INSERT INTO Beer (BeerName, Brewery, Style, ABV)
VALUES
```

```
    ('Very Hazy', 'Tree House Brewing Company', 'New England IPA', '8.6'),
    ('Very Green w Pineapple', 'Tree House Brewing Company', 'New England IPA', '8.3'),
    ('Very Green', 'Tree House Brewing Company', 'New England IPA', '8.6'),
    ('Triple Shot', 'Tree House Brewing Company', 'American Imperial Stout', '9'),
    ('Trail Magic', 'Tree House Brewing Company', 'German Pilsner', '5.2'),
    ('Tornado', 'Tree House Brewing Company', 'American Pale Ale', '5.6'),
    ('Thats What She Said W Vanilla Bean', 'Tree House Brewing Company', 'Milk Stout', '5.6'),
    ('Thats What She Said', 'Tree House Brewing Company', 'Milk Stout', '5.6'),
    ('Super Typhoon W Guava', 'Tree House Brewing Company', 'American Imperial IPA', '7.7'),
    ('Super Typhoon', 'Tree House Brewing Company', 'American Imperial IPA', '7.7'),
    ('Super Sap W Guava', 'Tree House Brewing Company', 'New England IPA', '7.7'),
    ('Super Sap', 'Tree House Brewing Company', 'New England IPA', '7.9'),
    ('Super Chocolate', 'Tree House Brewing Company', 'Milk Stout', '6.5'),
    ('Sssapp', 'Tree House Brewing Company', 'New England IPA', '7'),
    ('SomewhereVanilla Cream', 'Tree House Brewing Company', 'Milk Stout', '7.9'),
    ('Somewhere Oreos', 'Tree House Brewing Company', 'Milk Stout', '7.9'),
    ('SomewhereBananas', 'Tree House Brewing Company', 'Milk Stout', '7.9'),
    ('Somewhere Known', 'Tree House Brewing Company', 'Milk Stout', '7.9'),
    ('Single Shot W Vanilla Bean', 'Tree House Brewing Company', 'Milk Stout', '6.4'),
    ('Single Shot - Vanilla Cream', 'Tree House Brewing Company', 'American Stout', '7.9'),
    ('Single Shot - Sumatra ', 'Tree House Brewing Company', 'Milk Stout', '6.4'),
    ('Single Shot - Burund', 'Tree House Brewing Company', 'Milk Stout', '6.4'),
    ('Single Shot - Brazil C', 'Tree House Brewing Company', 'Milk Stout', '6.4'),
```


('Single Shot - 6th Annivers', 'Tree House Brewing Company', 'Milk Stout', '6.4'),
('Single Shot', 'Tree House Brewing Company', 'Milk Stout', '6.4'),
('Sap', 'Tree House Brewing Company', 'New England IPA', '7'),
('Pride & Purpose', 'Tree House Brewing Company', 'American Pale Ale', '5.1'),
('Present Moment', 'Tree House Brewing Company', 'American Pale Ale', '5.4'),
('Old Man', 'Tree House Brewing Company', 'Sour', '5.4'),
('Native Six', 'Tree House Brewing Company', 'American Wild Ale', '6.2'),
('Native Seven', 'Tree House Brewing Company', 'French Bière de Garde', '6.3'),
('Native One', 'Tree House Brewing Company', 'American Wild Ale', '6.3'),
('Native Five', 'Tree House Brewing Company', 'Belgian Saison', '6'),
('Moment Of Clarity', 'Tree House Brewing Company', 'Milk Stout', '7.7'),
('Marshmallow All That', 'Tree House Brewing Company', 'Milk Stout', '6.5'),
('Ma', 'Tree House Brewing Company', 'Red Ale', '6.8'),
('Lights Out', 'Tree House Brewing Company', 'American Pale Ale', '5.4'),
('Lights On', 'Tree House Brewing Company', 'American Pale Ale', '5.3'),
('King Julius', 'Tree House Brewing Company', 'New England IPA', '8.3'),
('King JJJJuliusss', 'Tree House Brewing Company', 'New England IPA', '8.4'),
('Julius w Peach', 'Tree House Brewing Company', 'New England IPA', '6.8'),
('Julius w Mango & Pas', 'Tree House Brewing Company', 'New England IPA', '6.8'),
('Julius W Mango', 'Tree House Brewing Company', 'New England IPA', '6.8'),
('Julius W Guava', 'Tree House Brewing Company', 'New England IPA', '6.8'),
('Julius W Coconut', 'Tree House Brewing Company', 'New England IPA', '6.8'),
('Julius- Vanilla Bean', 'Tree House Brewing Company', 'New England IPA', '6.8'),
('Julius - Passion Fruit', 'Tree House Brewing Company', 'New England IPA', '6.8'),
('Julius', 'Tree House Brewing Company', 'New England IPA', '6.8'),
('Juice Machine', 'Tree House Brewing Company', 'New England IPA', '8.2'),
('In Perpetuity W Guava', 'Tree House Brewing Company', 'New England IPA', '6.7'),
('In Perpetuity', 'Tree House Brewing Company', 'New England IPA', '6.7'),
('Impermanence', 'Tree House Brewing Company', 'Milk Stout', '9'),
('Black Currant', 'Tree House Brewing Company', 'Milk Stout', '9.3'),
('I Will Not Be Afraid', 'Tree House Brewing Company', 'Milk Stout', '9.3'),
('I Have Promises To Keep', 'Tree House Brewing Company', 'American Imperial IPA', '7.9'),
('Hurricane W Peach', 'Tree House Brewing Company', 'American Imperial IPA', '7.7'),
('Hurricane W Pass & Coco', 'Tree House Brewing Company', 'American Imperial IPA', '7.7'),
('Hurricane W Mango', 'Tree House Brewing Company', 'American Imperial IPA', '7.7'),
('Hurricane W Guava', 'Tree House Brewing Company', 'American Imperial IPA', '7.7'),
('Hurricane W Coconut', 'Tree House Brewing Company', 'American Imperial IPA', '7.7'),
('Hurricane', 'Tree House Brewing Company', 'American Imperial IPA', '7.7'),
('Human Condition', 'Tree House Brewing Company', 'Milk Stout', '7.9'),
('Hold On To Sunshine ', 'Tree House Brewing Company', 'Milk Stout', '7.6'),
('Hold On to Sunshine Choc', 'Tree House Brewing Company', 'Milk Stout', '7.6'),
('Hold On To Sunshine2', 'Tree House Brewing Company', 'Milk Stout', '7.6'),
('Haze W Peach & Guava', 'Tree House Brewing Company', 'New England IPA', '8.2'),
('Haze W Peach', 'Tree House Brewing Company', 'New England IPA', '8.2'),
('Haze W Guava', 'Tree House Brewing Company', 'New England IPA', '8.2'),
('Haze', 'Tree House Brewing Company', 'New England IPA', '8.2'),
('Green w/Guava', 'Tree House Brewing Company', 'American Blonde Ale', ''),
('Green W Pineapple', 'Tree House Brewing Company', 'New England IPA', '7.5'),
('Green', 'Tree House Brewing Company', 'New England IPA', '7.6'),
('Ggggreennn', 'Tree House Brewing Company', 'New England IPA', '7.5'),
('Extra Maple Moment', 'Tree House Brewing Company', 'Milk Stout', '?'),
('Extra Maple & Chocolate', 'Tree House Brewing Company', 'Milk Stout', '7.7'),
('Eureka W Nelson', 'Tree House Brewing Company', 'American Blonde Ale', '4.1'),
('Eureka W MosTangerines', 'Tree House Brewing Company', 'American Blonde Ale', '4.2'),
('Eureka W Mosaic', 'Tree House Brewing Company', 'American Blonde Ale', '4.1'),
('Eureka W Galaxy', 'Tree House Brewing Company', 'American Blonde Ale', '4.1'),
('Eureka W Citra & Guava', 'Tree House Brewing Company', 'American Blonde Ale', '4.2'),
('Eureka W Citra', 'Tree House Brewing Company', 'American Blonde Ale', '4.1'),

('Eureka W Blood Orange','Tree House Brewing Company','American Pale Ale','?'),
('East Hill','Tree House Brewing Company','American Pale Ale','5.2'),
('Doubleganger W Peach','Tree House Brewing Company','American Imperial IPA','9.2'),
('Doubleganger Guava','Tree House Brewing Company','American Imperial IPA','?'),
('Doubleganger','Tree House Brewing Company','New England IPA','8.2'),
('Double Shot - Vanilla Cream','Tree House Brewing Company','American Imperial Stout','9.2'),
('Double Shot - Vanilla Bean','Tree House Brewing Company','American Imperial Stout','9.2'),
('Double Shot - Vanilla','Tree House Brewing Company','American Stout','7.6'),
('Double Shot - Smores','Tree House Brewing Company','American Imperial Stout','9.2'),
('Double Shot - Oreos','Tree House Brewing Company','American Imperial Stout','9.2'),
('Double Shot - Maple','Tree House Brewing Company','American Stout','?'),
('Double Shot - Kenya ','Tree House Brewing Company','American Imperial Stout','9.1'),
('Double Shot - Espresso ','Tree House Brewing Company','American Imperial Stout','9.2'),
('Double Shot - Dark Cho','Tree House Brewing Company','American Stout','?'),
('Double Shot - Costa Rica S','Tree House Brewing Company','American Stout','8.7'),
('Double Shot - Cookie Dough','Tree House Brewing Company','American Stout','?'),
('Double Shot - Christmas','Tree House Brewing Company','American Stout','8.5'),
('Double Shot - Chocolate Vani','Tree House Brewing Company','American Imperial Stout','9.2'),
('Double Shot - 6th ','Tree House Brewing Company','American Imperial Stout','9.2'),
('Double Shot','Tree House Brewing Company','American Stout','7.6'),
('Doppelganger W Peach','Tree House Brewing Company','New England IPA','8.2'),
('Doppelganger w Guava','Tree House Brewing Company','New England IPA','8.2'),
('Doppelganger','Tree House Brewing Company','New England IPA','8.2'),
('Curiosity Forty Two','Tree House Brewing Company','American IPA','6.8'),
('Curiosity Forty Three','Tree House Brewing Company','American IPA','7.1'),
('Curiosity Forty Six','Tree House Brewing Company','American IPA','6.9'),
('Curiosity Forty Seven','Tree House Brewing Company','American Imperial IPA','7.8'),
('Curiosity Forty One','Tree House Brewing Company','American IPA','6.7'),
('Curiosity Forty Nine','Tree House Brewing Company','American Imperial IPA','7.9'),
('Curiosity Forty Four','Tree House Brewing Company','American Imperial IPA','7.8'),
('Curiosity Forty Five','Tree House Brewing Company','New England IPA','6.9'),
('Curiosity Forty Eight','Tree House Brewing Company','American Imperial IPA','7.7'),
('Curiosity Fifty','Tree House Brewing Company','American IPA','6.6'),
('Catharsis','Tree House Brewing Company','American Porter','7.4'),
('Bright - Simcoe & arillo','Tree House Brewing Company','American Imperial IPA','7.8'),
('Bright - Nelson','Tree House Brewing Company','American Imperial IPA','7.8'),
('Bright - Galaxy','Tree House Brewing Company','American Imperial IPA','7.8'),
('Bright - Citra','Tree House Brewing Company','American Imperial IPA','7.8'),
('Bright','Tree House Brewing Company','American Imperial IPA','7.8'),
('Bear','Tree House Brewing Company','American Brown Ale','6.4'),
('Bbbrightttt W Simcoe & ','Tree House Brewing Company','American Imperial IPA','7.8'),
('Bbbrightttt W Galaxy','Tree House Brewing Company','American Imperial IPA','7.8'),
('Bbbrightttt W Citra','Tree House Brewing Company','American Imperial IPA','7.8'),
('Bbbrightttt Citra W Pass','Tree House Brewing Company','American Imperial IPA','7.7'),
('Bbbrightttt','Tree House Brewing Company','American Imperial IPA','7.8'),
('Baby Bright','Tree House Brewing Company','American IPA','5.4'),
('Alter Ego','Tree House Brewing Company','New England IPA','6.8'),
('That Is - Maple','Tree House Brewing Company','Milk Stout','6.5'),
('That Is and - Coconut','Tree House Brewing Company','Milk Stout','6.5'),
('That Is A Black Currants','Tree House Brewing Company','Milk Stout','6.5'),
(' Is Bananas','Tree House Brewing Company','Milk Stout','6.5'),
('That Is That Ever','Tree House Brewing Company','Milk Stout','6.5'),
('Absurdism','Tree House Brewing Company','Milk Stout','7.9'),
('Abstraction','Tree House Brewing Company','American Imperial Porter','8.8'),
('AAAlterrrr Ego','Tree House Brewing Company','New England IPA','6.8'),

('Heady Topper','The Alchemist Brewery','New England IPA','8'),
('Focal Banger','The Alchemist Brewery','New England IPA','7'),
('Crusher','The Alchemist Brewery','New England IPA','8'),
('Luscious','The Alchemist Brewery','Russian Imperial Stout','9.2'),
('Beelzebub','The Alchemist Brewery','American Imperial Stout','8'),
('Petit Mutant','The Alchemist Brewery','American Wild Ale','6'),
('Holy Cow','The Alchemist Brewery','American IPA','5.1'),
('Alena','The Alchemist Brewery','American IPA','7.7'),
('Skadoosh','The Alchemist Brewery','American IPA','7'),
('Pappys Porter','The Alchemist Brewery','American Porter','5'),
('El Jefe','The Alchemist Brewery','American Black Ale','7'),
('Broken Spoke','The Alchemist Brewery','American Pale Ale (APA)','6'),
('Ouroboros','The Alchemist Brewery','American Imperial IPA','8'),
('Rapture','The Alchemist Brewery','American Imperial IPA','9.6'),
('Sterk Wit','The Alchemist Brewery','Belgian Witbier','7'),
('Hellbrook','The Alchemist Brewery','American Amber / Red Ale','7'),
('Pliny The Elder','Russian River Brewing Company','American Imperial IPA','8'),
('Supplication','Russian River Brewing Company','American Wild Ale','7'),
('Blind Pig IPA','Russian River Brewing Company','American IPA','6.1'),
('Consecration','Russian River Brewing Company','American Wild Ale','10'),
('Damnation','Russian River Brewing Company','Belgian Strong Pale Ale','7.75'),
('Temptation','Russian River Brewing Company','American Wild Ale','7.5'),
('Pliny The Younger','Russian River Brewing Company','American Imperial IPA','10.25'),
('Sanctification','Russian River Brewing Company','American Wild Ale','6.75'),
('Beatification','Russian River Brewing Company','American Wild Ale','6'),
('Redemption','Russian River Brewing Company','Belgian Pale Ale','5.15'),
('Salvation','Russian River Brewing Company','Belgian Strong Dark Ale','9'),
('Row 2Hill 56','Russian River Brewing Company','American Pale Ale (APA)','5.8'),
('Framboise For A Cure','Russian River Brewing Company','American Wild Ale','6.5'),
('Perdition','Russian River Brewing Company','French Bière de Garde','6.1'),
('Damnation Batch 2','Russian River Brewing Company','Belgian Tripel','11'),
('O.V.L. Stout','Russian River Brewing Company','Irish Dry Stout','4.8'),
('Breakfast Stout','Russian River Brewing Company','American Imperial Stout','8.3'),
('KBS','Russian River Brewing Company','American Imperial Stout','12.3'),
('Centennial IPA','Russian River Brewing Company','American IPA','7.2'),
('Backwoods Bastard','Russian River Brewing Company','Scotch Ale / Wee Heavy','11.2'),
('Dirty Bastard','Russian River Brewing Company','Scotch Ale / Wee Heavy','8.5'),
('Porter','Russian River Brewing Company','Robust Porter','6.5'),
('All Day IPA','Founders Brewing Company','American IPA','4.7'),
('Double Trouble','Founders Brewing Company','American Imperial IPA','9.4'),
('CBS','Founders Brewing Company','American Imperial Stout','11.7'),
('Reds Rye IPA','Founders Brewing Company','Rye Beer','6.6'),
('Curmudgeon','Founders Brewing Company','English Old Ale','9.8'),
('Harvest Ale','Founders Brewing Company','American IPA','7.6'),
('Sip Of Sunshine','Lawsons Finest Liquids','New England IPA','8'),
('Double Sunshine IPA','Lawsons Finest Liquids','New England IPA','8'),
('Super Session 2','Lawsons Finest Liquids','American IPA','4.8'),
('Triple Sunshine IPA','Lawsons Finest Liquids','New England IPA','10.5'),
('Fayston Maple Stout','Lawsons Finest Liquids','American Imperial Stout','10.1'),
('Chinookerd IPA','Lawsons Finest Liquids','American IPA','6.9'),
('Maple Tripple Ale','Lawsons Finest Liquids','American Strong Ale','12'),
('Triple Play IPA','Lawsons Finest Liquids','American IPA','7'),
('Hopzilla','Lawsons Finest Liquids','American Imperial IPA','8.7'),
('Maple Barrel Fayst','Lawsons Finest Liquids','American Imperial Stout','11'),
('Lunch','Maine Beer Company','American IPA','7'),
('MO','Maine Beer Company','American Pale Ale (APA)','6'),
('Peeper','Maine Beer Company','American Pale Ale (APA)','5.5'),
('Zoe','Maine Beer Company','American Amber / Red Ale','7.2'),

('Mean Old Tom','Maine Beer Company','American Stout','6.5'),
('Dinner','Maine Beer Company','New England IPA','8.2'),
('Another One','Maine Beer Company','American IPA','7'),
('King Titus','Maine Beer Company','American Porter','7.5'),
('A Tiny Beautiful ','Maine Beer Company','American Pale Ale (APA)','5.5'),
('Hop Program - Beer I','Maine Beer Company','American IPA','6.5'),
('Woods & Waters','Maine Beer Company','American IPA','6.2'),
('Thank You','Maine Beer Company','American Pale Wheat Ale','5.3'),
('Post Ride Snack','Maine Beer Company','American IPA','4.9'),
('Thank You 2018','Maine Beer Company','American IPA','7'),
('Union Jack IPA','Firestone Walker Brewing Co.','American IPA','7'),
('Parabola','Firestone Walker Brewing Co.','Russian Imperial Stout','12.7'),
('Sucaba','Firestone Walker Brewing Co.','British Barleywine','12.5'),
('Velvet Merlieal Stout','Firestone Walker Brewing Co.','English Oatmeal Stout','5.5'),
('DBA Double Barrel Ale','Firestone Walker Brewing Co.','English Pale Ale','5'),
('Stickee Monkee','Firestone Walker Brewing Co.','Belgian Quadrupel (Quad)','12.5'),
('Velvet Merkin','Firestone Walker Brewing Co.','English Oatmeal Stout','8.5'),
('Pivo Pils','Firestone Walker Brewing Co.','German Pilsner','5.3'),
('Pale 31 Pale Ale','Firestone Walker Brewing Co.','American Pale Ale (APA)','4.9'),
('Double Double Barrel Ale','Firestone Walker Brewing Co.','British Barleywine','12'),
('Easy Jack Session IPA','Firestone Walker Brewing Co.','American IPA','4.5'),
('Opal','Firestone Walker Brewing Co.','Belgian Saison','7.5'),
('Helldorado','Firestone Walker Brewing Co.','American Barleywine','12.8'),
('805 Blonde Ale','Firestone Walker Brewing Co.','American Blonde Ale','4.7'),
('Bretta Rosé','Firestone Walker Brewing Co.','Berliner Weisse','5.3'),
('Parabajava','Firestone Walker Brewing Co.','Russian Imperial Stout','14'),
('Agrestic 002 American','Firestone Walker Brewing Co.','American Wild Ale','6.6'),
('Congress Street IPA','Trillium Brewing Company','New England IPA','7.2'),
('Fort Point Pale Ale','Trillium Brewing Company','American Pale Ale (APA)','6.6'),
('Galaxy Dry Hopped Fort','Trillium Brewing Company','American Pale Ale (APA)','6.6'),
('Vicinity','Trillium Brewing Company','American Imperial IPA','8'),
('Double Dry Hopped Fort ','Trillium Brewing Company','American Pale Ale (APA)','6.6'),
('Double Dry Hopped jjjj','Trillium Brewing Company','New England IPA','7.2'),
('Cutting Tiles Mosaic','Trillium Brewing Company','New England IPA','8.5'),
('Doub Street','Trillium Brewing Company','New England IPA','7.2'),
('Mosaic Dry Ho','Trillium Brewing Company','American Pale Ale (APA)','6.6'),
('Mettle','Trillium Brewing Company','American Imperial IPA','8.4'),
('Melcher Street IPA','Trillium Brewing Company','New England IPA','7.3'),
('Heavy Mettle','Trillium Brewing Company','New England IPA','9.3'),
('Double Dry Hoppe','Trillium Brewing Company','New England IPA','7.2'),
('Upper Case','Trillium Brewing Company','New England IPA','9'),
('Scaled Up','Trillium Brewing Company','American Imperial IPA','8'),
('Double Dry Hopp','Trillium Brewing Company','New England IPA','7'),
('Edward','Hill Farmstead Brewery','American Pale Ale (APA)','5.2'),
('Everett Porter','Hill Farmstead Brewery','American Porter','7.5'),
('Abner','Hill Farmstead Brewery','New England IPA','8.2'),
('Arthur','Hill Farmstead Brewery','Belgian Saison','6'),
('Susan','Hill Farmstead Brewery','New England IPA','6.2'),
('Double Citra','Hill Farmstead Brewery','New England IPA','8'),
('Anna','Hill Farmstead Brewery','Belgian Saison','6.4'),
('Society & Solitude 5','Hill Farmstead Brewery','New England IPA','8.1'),
('Double Galaxy','Hill Farmstead Brewery','New England IPA','8'),
('Society & Solitude 4','Hill Farmstead Brewery','New England IPA','8'),
('Birth Of Tragedy','Hill Farmstead Brewery','American Porter','9'),
('Twilight Of The Idols','Hill Farmstead Brewery','American Porter','7.5'),
('Ephraim','Hill Farmstead Brewery','New England IPA','10'),
('Florence Wheat Saison','Hill Farmstead Brewery','Belgian Saison','5'),
('Citra Pale Ale','Hill Farmstead Brewery','American Pale Ale (APA)','5.4'),

```
(
    'Harlan IPA','Hill Farmstead Brewery','New England IPA','6'),
    ('What Is Enlighten','Hill Farmstead Brewery','American Pale Ale (APA)','5.4'),
    ('Society & Solitude 6','Hill Farmstead Brewery','New England IPA','8.1'),
    ('Clara Grisette','Hill Farmstead Brewery','Belgian Saison','4'),
    ('Flora','Hill Farmstead Brewery','Belgian Saison','4.8'),
    ('Earl Coffee Oatout','Hill Farmstead Brewery','English Oatmeal Stout','7.2'),
    ('The Substance','Bissell Brothers Brewing Co.','American IPA','6.6'),
    ('Swish','Bissell Brothers Brewing Co.','New England IPA','8'),
    ('Reciprocal','Bissell Brothers Brewing Co.','American Imperial IPA','7.3'),
    ('LUX Rye Ale','Bissell Brothers Brewing Co.','Rye Beer','5.1'),
    ('Baby Genius Ale','Bissell Brothers Brewing Co.','American Blonde Ale','4'),
    ('Nothing Gold','Bissell Brothers Brewing Co.','American Imperial IPA','8.2'),
    ('Bucolia','Bissell Brothers Brewing Co.','American Amber / Red Ale','5.6'),
    ('Diavoletto','Bissell Brothers Brewing Co.','American Pale Ale (APA)','3'),
    ('Industry Vs. Inferio','Bissell Brothers Brewing Co.','American IPA','6.2'),
    ('I-Lucky','Bissell Brothers Brewing Co.','American IPA','7'),
    ('Umbra','Bissell Brothers Brewing Co.','English Oatmeal Stout','7.5'),
    ('Heres To Feeli','Bissell Brothers Brewing Co.','American Imperial IPA','7.8'),
    ('Engram','Bissell Brothers Brewing Co.','American Pale Wheat Ale','5.5'),
    ('Dangol','Bissell Brothers Brewing Co.','American Adjunct Lager','5'),
    ('Seed','Bissell Brothers Brewing Co.','Fruit and Field Beer','6'),
    ('Preserve & Protect','Bissell Brothers Brewing Co.','American IPA','7.8')
)
```

```
Select * From Beer
```

```
UPDATE BEER SET ABV = '5'
WHERE ABV = ''
UPDATE BEER SET ABV = '5'
WHERE ABV = '?'
```

```
-- Adding Data to the Brewery table
```

```
INSERT INTO Brewery(BreweryName, City, Statename, Country, StreetName)
VALUES
    ('3 Floyds Breweing Co.','Munster','Indiana','US','Indiana Pwy'),
    ('Bissell Brothers Brewing Co.','Portland','Maine','US','thmpsond rd'),
    ('Bottle Logic Brewing','Anaheim','California','US',''),
    ('Firestone Walker Brewing Co.','Paso Robles ','California','US',''),
    ('Founders Brewing Company','Grand Rapids','Michigan','US','Grandville Ave'),
    ('Hill Farmstead Brewery','Greensboro Bend','Vermont','US',''),
    ('Lawsons Finest Liquids','Warren','Vermont','US',''),
    ('Maine Beer Company','Freeport','Maine','US','US Route 1'),
    ('Perennial Astisan Ales','St. Luois ','Missouri','US',''),
    ('Russian River Brewing Company','Santa Rosa','California','US',''),
    ('The Alchemist Brewery','Stowe','Vermont','US','Cottage Club Rd'),
    ('Toppling Goliath Brewing Company','Decorah','Iowa','US','Prosperity Rd'),
    ('Tree House Brewing Company','Charlton','Massachusetts','US','Sturbridge Rd'),
    ('Trillium Brewing Company','Boston','Massachusetts','US','Congress st')
```

```
Select * from Brewery
```

```
-- ISSERT data to Member_beer_list
```

```
INSERT INTO Member_beer_list (MemberID, BeerID)
```

```
VALUES
```

```
  ('1', '99'),  
  ('1', '56'),  
  ('1', '141'),  
  ('1', '106'),  
  ('1', '1'),  
  ('2', '34'),  
  ('2', '109'),  
  ('2', '141'),  
  ('2', '106'),  
  ('2', '1'),  
  ('3', '200'),  
  ('3', '132'),  
  ('3', '141'),  
  ('3', '106'),  
  ('3', '1'),  
  ('4', '55'),  
  ('4', '123'),  
  ('4', '141'),  
  ('4', '106'),  
  ('4', '1'),  
  ('5', '44'),  
  ('5', '211'),  
  ('5', '141'),  
  ('5', '106'),  
  ('5', '1'),  
  ('6', '23'),  
  ('6', '100'),  
  ('6', '141'),  
  ('6', '106'),  
  ('6', '1'),  
  ('7', '66'),  
  ('7', '12'),  
  ('7', '141'),  
  ('7', '106'),  
  ('7', '1'),  
  ('8', '45'),  
  ('8', '12'),  
  ('8', '141'),  
  ('8', '106'),  
  ('8', '1'),  
  ('9', '78'),  
  ('9', '34'),  
  ('9', '141'),  
  ('9', '106'),  
  ('9', '1'),  
  ('10', '45'),  
  ('10', '211'),  
  ('10', '141'),  
  ('10', '106'),  
  ('10', '1'),  
  ('10', '143'),  
  ('10', '107'),  
  ('10', '8'),  
  ('4', '58'),
```

```
('4', '103'),
('4', '101'),
('4', '116'),
('6', '11'),
('6', '6')
```

```
SELECT * FROM Member_beer_list
```

```
-- InsERT data to Member_beer_list
```

```
SELECT * FROM Brewery
SELECT * FROM Member
SELECT * FROM Beer_Brewery_list
SELECT * FROM Event_Brew_List
SELECT * FROM Event_Season
SELECT * FROM Events
SELECT * FROM Member_Beer_list
SELECT * FROM Member_Brewery_List
SELECT * FROM Member_Event_List
```

```
-- INSERT data to Beer_Brewery_List
```

```
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Very Hazy'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Very Green w Pineapple'),(SELECT BreweryId from Brewery where BreweryName=
'Tree House Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Very Green'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Triple Shot'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Trail Magic'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Tornado'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House Brewing
Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Thats What She Said W Vanilla Bean'),(SELECT BreweryId from Brewery where
BreweryName= 'Tree House Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Thats What She Said'),(SELECT BreweryId from Brewery where BreweryName= 'Tree
House Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Super Typhoon W Guava'),(SELECT BreweryId from Brewery where BreweryName= 'Tree
House Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Super Typhoon'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Super Sap W Guava'),(SELECT BreweryId from Brewery where BreweryName= 'Tree
House Brewing Company'))
```



```

INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Super Sap'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Super Chocolate'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Sssapp'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House Brewing
Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='SomewhereVanilla Cream'),(SELECT BreweryId from Brewery where BreweryName=
'Tree House Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Somewhere Oreos'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='SomewhereBananas'),(SELECT BreweryId from Brewery where BreweryName= 'Tree
House Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Somewhere Known'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Single Shot W Vanilla Bean'),(SELECT BreweryId from Brewery where BreweryName=
'Tree House Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Single Shot - Vanilla Cream'),(SELECT BreweryId from Brewery where BreweryName=
'Tree House Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Single Shot - Sumatra '), (SELECT BreweryId from Brewery where BreweryName=
'Tree House Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Single Shot - Burund'),(SELECT BreweryId from Brewery where BreweryName= 'Tree
House Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Single Shot - Brazil C'),(SELECT BreweryId from Brewery where BreweryName=
'Tree House Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Single Shot - 6th Annivers'),(SELECT BreweryId from Brewery where BreweryName=
'Tree House Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Single Shot'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Sap'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House Brewing
Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Pride & Purpose'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Present Moment'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Old Man'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House Brewing
Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Native Six'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House
Brewing Company'))

```



```

INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Native Seven'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Native One'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Native Five'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Moment Of Clarity'),(SELECT BreweryId from Brewery where BreweryName= 'Tree
House Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Marshmallow All That'),(SELECT BreweryId from Brewery where BreweryName= 'Tree
House Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Ma'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House Brewing
Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Lights Out'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Lights On'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='King Julius'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='King JJJuliusss'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Julius w Peach'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Julius w Mango & Pas'),(SELECT BreweryId from Brewery where BreweryName= 'Tree
House Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Julius W Mango'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Julius W Guava'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Julius W Coconut'),(SELECT BreweryId from Brewery where BreweryName= 'Tree
House Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Julius - Vanilla Bean'),(SELECT BreweryId from Brewery where BreweryName= 'Tree
House Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Julius - Passion Fruit'),(SELECT BreweryId from Brewery where BreweryName=
'Tree House Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Julius'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House Brewing
Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Juice Machine'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House
Brewing Company'))

```

```

INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='In Perpetuity W Guava'),(SELECT BreweryId from Brewery where BreweryName= 'Tree
House Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='In Perpetuity'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Impermanence'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Black Currant'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='I Will Not Be Afraid'),(SELECT BreweryId from Brewery where BreweryName= 'Tree
House Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='I Have Promises To Keep'),(SELECT BreweryId from Brewery where BreweryName=
'Tree House Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Hurricane W Peach'),(SELECT BreweryId from Brewery where BreweryName= 'Tree
House Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Hurricane W Pass & Coco'),(SELECT BreweryId from Brewery where BreweryName=
'Tree House Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Hurricane W Mango'),(SELECT BreweryId from Brewery where BreweryName= 'Tree
House Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Hurricane W Guava'),(SELECT BreweryId from Brewery where BreweryName= 'Tree
House Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Hurricane W Coconut'),(SELECT BreweryId from Brewery where BreweryName= 'Tree
House Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Hurricane'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Human Condition'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Hold On To Sunshine '), (SELECT BreweryId from Brewery where BreweryName= 'Tree
House Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Hold On to Sunshine Choc'),(SELECT BreweryId from Brewery where BreweryName=
'Tree House Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Hold On To Sunshine'),(SELECT BreweryId from Brewery where BreweryName= 'Tree
House Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Haze W Peach & Guava'),(SELECT BreweryId from Brewery where BreweryName= 'Tree
House Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Haze W Peach'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Haze W Guava'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House
Brewing Company'))

```

```

INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Haze'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House Brewing
Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Green w/Guava'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Green W Pineapple'),(SELECT BreweryId from Brewery where BreweryName= 'Tree
House Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Green'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House Brewing
Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Gggreennn'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Extra Maple Moment'),(SELECT BreweryId from Brewery where BreweryName= 'Tree
House Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Extra Maple & Chocolate'),(SELECT BreweryId from Brewery where BreweryName=
'Tree House Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Eureka W Nelson'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Eureka W MosTangerines'),(SELECT BreweryId from Brewery where BreweryName=
'Tree House Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Eureka W Mosaic'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Eureka W Galaxy'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Eureka W Citra & Guava'),(SELECT BreweryId from Brewery where BreweryName=
'Tree House Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Eureka W Citra'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Eureka W Blood Orange'),(SELECT BreweryId from Brewery where BreweryName= 'Tree
House Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='East Hill'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Doubleganger W Peach'),(SELECT BreweryId from Brewery where BreweryName= 'Tree
House Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Doubleganger Guava'),(SELECT BreweryId from Brewery where BreweryName= 'Tree
House Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Doubleganger'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Double Shot - Vanilla Cream'),(SELECT BreweryId from Brewery where BreweryName=
'Tree House Brewing Company'))

```

[illegible]

[illegible]

```

INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Bbbrighttt'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Baby Bright'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Alter Ego'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='That Is - Maple'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='That Is and - Coconut'),(SELECT BreweryId from Brewery where BreweryName=
'Tree House Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='That Is A Black Currants'),(SELECT BreweryId from Brewery where BreweryName=
'Tree House Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName=' Is Bananas'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='That Is That Ever'),(SELECT BreweryId from Brewery where BreweryName= 'Tree
House Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Absurdism'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Abstraction'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='AAAlterrr Ego'),(SELECT BreweryId from Brewery where BreweryName= 'Tree House
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Heady Topper'),(SELECT BreweryId from Brewery where BreweryName= 'The Alchemist
Brewery'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Focal Banger'),(SELECT BreweryId from Brewery where BreweryName= 'The Alchemist
Brewery'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Crusher'),(SELECT BreweryId from Brewery where BreweryName= 'The Alchemist
Brewery'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Luscious'),(SELECT BreweryId from Brewery where BreweryName= 'The Alchemist
Brewery'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Beelzebub'),(SELECT BreweryId from Brewery where BreweryName= 'The Alchemist
Brewery'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Petit Mutant'),(SELECT BreweryId from Brewery where BreweryName= 'The Alchemist
Brewery'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Holy Cow'),(SELECT BreweryId from Brewery where BreweryName= 'The Alchemist
Brewery'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Alena'),(SELECT BreweryId from Brewery where BreweryName= 'The Alchemist
Brewery'))

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INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Skadoosh'),(SELECT BreweryId from Brewery where BreweryName= 'The Alchemist
Brewery'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Pappys Porter'),(SELECT BreweryId from Brewery where BreweryName= 'The
Alchemist Brewery'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='El Jefe'),(SELECT BreweryId from Brewery where BreweryName= 'The Alchemist
Brewery'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Broken Spoke'),(SELECT BreweryId from Brewery where BreweryName= 'The Alchemist
Brewery'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Ouroboros'),(SELECT BreweryId from Brewery where BreweryName= 'The Alchemist
Brewery'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Rapture'),(SELECT BreweryId from Brewery where BreweryName= 'The Alchemist
Brewery'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Sterk Wit'),(SELECT BreweryId from Brewery where BreweryName= 'The Alchemist
Brewery'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Hellbrook'),(SELECT BreweryId from Brewery where BreweryName= 'The Alchemist
Brewery'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Pliny The Elder'),(SELECT BreweryId from Brewery where BreweryName= 'Russian
River Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Supplication'),(SELECT BreweryId from Brewery where BreweryName= 'Russian River
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Blind Pig IPA'),(SELECT BreweryId from Brewery where BreweryName= 'Russian
River Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Consecration'),(SELECT BreweryId from Brewery where BreweryName= 'Russian River
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Damnation'),(SELECT BreweryId from Brewery where BreweryName= 'Russian River
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Temptation'),(SELECT BreweryId from Brewery where BreweryName= 'Russian River
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Pliny The Younger'),(SELECT BreweryId from Brewery where BreweryName= 'Russian
River Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Sanctification'),(SELECT BreweryId from Brewery where BreweryName= 'Russian
River Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Beatification'),(SELECT BreweryId from Brewery where BreweryName= 'Russian
River Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Redemption'),(SELECT BreweryId from Brewery where BreweryName= 'Russian River
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Salvation'),(SELECT BreweryId from Brewery where BreweryName= 'Russian River
Brewing Company'))

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INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Row 2Hill 56'),(SELECT BreweryId from Brewery where BreweryName= 'Russian River
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Framboise For A Cure'),(SELECT BreweryId from Brewery where BreweryName=
'Russian River Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Perdition'),(SELECT BreweryId from Brewery where BreweryName= 'Russian River
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Damnation Batch 2'),(SELECT BreweryId from Brewery where BreweryName= 'Russian
River Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='O.V.L. Stout'),(SELECT BreweryId from Brewery where BreweryName= 'Russian River
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Breakfast Stout'),(SELECT BreweryId from Brewery where BreweryName= 'Russian
River Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='KBS'),(SELECT BreweryId from Brewery where BreweryName= 'Russian River Brewing
Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Centennial IPA'),(SELECT BreweryId from Brewery where BreweryName= 'Russian
River Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Backwoods Bastard'),(SELECT BreweryId from Brewery where BreweryName= 'Russian
River Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Dirty Bastard'),(SELECT BreweryId from Brewery where BreweryName= 'Russian
River Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Porter'),(SELECT BreweryId from Brewery where BreweryName= 'Russian River
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='All Day IPA'),(SELECT BreweryId from Brewery where BreweryName= 'Founders
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Double Trouble'),(SELECT BreweryId from Brewery where BreweryName= 'Founders
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='CBS'),(SELECT BreweryId from Brewery where BreweryName= 'Founders Brewing
Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Reds Rye IPA'),(SELECT BreweryId from Brewery where BreweryName= 'Founders
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Curmudgeon'),(SELECT BreweryId from Brewery where BreweryName= 'Founders
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Harvest Ale'),(SELECT BreweryId from Brewery where BreweryName= 'Founders
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Sip Of Sunshine'),(SELECT BreweryId from Brewery where BreweryName= 'Lawsons
Finest Liquids'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Double Sunshine IPA'),(SELECT BreweryId from Brewery where BreweryName=
'Lawsons Finest Liquids'))

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INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Super Session 2'),(SELECT BreweryId from Brewery where BreweryName= 'Lawsons
Finest Liquids'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Triple Sunshine IPA'),(SELECT BreweryId from Brewery where BreweryName=
'Lawsons Finest Liquids'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Fayston Maple Stout'),(SELECT BreweryId from Brewery where BreweryName=
'Lawsons Finest Liquids'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Chinookerd IPA'),(SELECT BreweryId from Brewery where BreweryName= 'Lawsons
Finest Liquids'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Maple Tripple Ale'),(SELECT BreweryId from Brewery where BreweryName= 'Lawsons
Finest Liquids'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Triple Play IPA'),(SELECT BreweryId from Brewery where BreweryName= 'Lawsons
Finest Liquids'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Hopzilla'),(SELECT BreweryId from Brewery where BreweryName= 'Lawsons Finest
Liquids'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Maple Barrel Fayst'),(SELECT BreweryId from Brewery where BreweryName=
'Lawsons Finest Liquids'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Lunch'),(SELECT BreweryId from Brewery where BreweryName= 'Maine Beer
Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='MO'),(SELECT BreweryId from Brewery where BreweryName= 'Maine Beer Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Peeper'),(SELECT BreweryId from Brewery where BreweryName= 'Maine Beer
Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Zoe'),(SELECT BreweryId from Brewery where BreweryName= 'Maine Beer Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Mean Old Tom'),(SELECT BreweryId from Brewery where BreweryName= 'Maine Beer
Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Dinner'),(SELECT BreweryId from Brewery where BreweryName= 'Maine Beer
Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Another One'),(SELECT BreweryId from Brewery where BreweryName= 'Maine Beer
Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='King Titus'),(SELECT BreweryId from Brewery where BreweryName= 'Maine Beer
Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='A Tiny Beautiful '), (SELECT BreweryId from Brewery where BreweryName= 'Maine
Beer Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Hop Program - Beer I'),(SELECT BreweryId from Brewery where BreweryName= 'Maine
Beer Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Woods & Waters'),(SELECT BreweryId from Brewery where BreweryName= 'Maine Beer
Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Thank You'),(SELECT BreweryId from Brewery where BreweryName= 'Maine Beer
Company'))

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INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Post Ride Snack'),(SELECT BreweryId from Brewery where BreweryName= 'Maine Beer
Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Thank You 2018'),(SELECT BreweryId from Brewery where BreweryName= 'Maine Beer
Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Union Jack IPA'),(SELECT BreweryId from Brewery where BreweryName= 'Firestone
Walker Brewing Co.'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Parabola'),(SELECT BreweryId from Brewery where BreweryName= 'Firestone Walker
Brewing Co.'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Sucaba'),(SELECT BreweryId from Brewery where BreweryName= 'Firestone Walker
Brewing Co.'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Velvet Merlieal Stout'),(SELECT BreweryId from Brewery where BreweryName=
'Firestone Walker Brewing Co.'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='DBA Double Barrel Ale'),(SELECT BreweryId from Brewery where BreweryName=
'Firestone Walker Brewing Co.'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Stickee Monkee'),(SELECT BreweryId from Brewery where BreweryName= 'Firestone
Walker Brewing Co.))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Velvet Merkin'),(SELECT BreweryId from Brewery where BreweryName= 'Firestone
Walker Brewing Co.))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Pivo Pils'),(SELECT BreweryId from Brewery where BreweryName= 'Firestone Walker
Brewing Co.))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Pale 31 Pale Ale'),(SELECT BreweryId from Brewery where BreweryName=
'Firestone Walker Brewing Co.))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Double Double Barrel Ale'),(SELECT BreweryId from Brewery where BreweryName=
'Firestone Walker Brewing Co.))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Easy Jack Session IPA'),(SELECT BreweryId from Brewery where BreweryName=
'Firestone Walker Brewing Co.))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Opal'),(SELECT BreweryId from Brewery where BreweryName= 'Firestone Walker
Brewing Co.))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Helldorado'),(SELECT BreweryId from Brewery where BreweryName= 'Firestone
Walker Brewing Co.))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='805 Blonde Ale'),(SELECT BreweryId from Brewery where BreweryName= 'Firestone
Walker Brewing Co.))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Bretta Rosé'),(SELECT BreweryId from Brewery where BreweryName= 'Firestone
Walker Brewing Co.))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Parabajava'),(SELECT BreweryId from Brewery where BreweryName= 'Firestone
Walker Brewing Co.))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Agrestic 002 American'),(SELECT BreweryId from Brewery where BreweryName=
'Firestone Walker Brewing Co.))

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INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Congress Street IPA'),(SELECT BreweryId from Brewery where BreweryName=
'Trillium Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Fort Point Pale Ale'),(SELECT BreweryId from Brewery where BreweryName=
'Trillium Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Galaxy Dry Hopped Fort'),(SELECT BreweryId from Brewery where BreweryName=
'Trillium Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Vicinity'),(SELECT BreweryId from Brewery where BreweryName= 'Trillium Brewing
Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Double Dry Hopped Fort '), (SELECT BreweryId from Brewery where BreweryName=
'Trillium Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Double Dry Hopped jjjj'),(SELECT BreweryId from Brewery where BreweryName=
'Trillium Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Cutting Tiles Mosaic'),(SELECT BreweryId from Brewery where BreweryName=
'Trillium Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Doub Street'),(SELECT BreweryId from Brewery where BreweryName= 'Trillium
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Mosaic Dry Ho'),(SELECT BreweryId from Brewery where BreweryName= 'Trillium
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Mettle'),(SELECT BreweryId from Brewery where BreweryName= 'Trillium Brewing
Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Melcher Street IPA'),(SELECT BreweryId from Brewery where BreweryName=
'Trillium Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Heavy Mettle'),(SELECT BreweryId from Brewery where BreweryName= 'Trillium
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Double Dry Hoppe'),(SELECT BreweryId from Brewery where BreweryName= 'Trillium
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Upper Case'),(SELECT BreweryId from Brewery where BreweryName= 'Trillium
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Scaled Up'),(SELECT BreweryId from Brewery where BreweryName= 'Trillium Brewing
Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Double Dry Hopp'),(SELECT BreweryId from Brewery where BreweryName= 'Trillium
Brewing Company'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Edward'),(SELECT BreweryId from Brewery where BreweryName= 'Hill Farmstead
Brewery'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Everett Porter'),(SELECT BreweryId from Brewery where BreweryName= 'Hill
Farmstead Brewery'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Abner'),(SELECT BreweryId from Brewery where BreweryName= 'Hill Farmstead
Brewery'))

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INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Arthur'),(SELECT BreweryId from Brewery where BreweryName= 'Hill Farmstead
Brewery'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Susan'),(SELECT BreweryId from Brewery where BreweryName= 'Hill Farmstead
Brewery'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Double Citra'),(SELECT BreweryId from Brewery where BreweryName= 'Hill
Farmstead Brewery'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Anna'),(SELECT BreweryId from Brewery where BreweryName= 'Hill Farmstead
Brewery'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Society & Solitude 5'),(SELECT BreweryId from Brewery where BreweryName= 'Hill
Farmstead Brewery'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Double Galaxy'),(SELECT BreweryId from Brewery where BreweryName= 'Hill
Farmstead Brewery'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Society & Solitude 4'),(SELECT BreweryId from Brewery where BreweryName= 'Hill
Farmstead Brewery'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Birth Of Tragedy'),(SELECT BreweryId from Brewery where BreweryName= 'Hill
Farmstead Brewery'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Twilight Of The Idols'),(SELECT BreweryId from Brewery where BreweryName= 'Hill
Farmstead Brewery'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Ephraim'),(SELECT BreweryId from Brewery where BreweryName= 'Hill Farmstead
Brewery'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Florence Wheat Saison'),(SELECT BreweryId from Brewery where BreweryName= 'Hill
Farmstead Brewery'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Citra Pale Ale'),(SELECT BreweryId from Brewery where BreweryName= 'Hill
Farmstead Brewery'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Harlan IPA'),(SELECT BreweryId from Brewery where BreweryName= 'Hill Farmstead
Brewery'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='What Is Enlighten'),(SELECT BreweryId from Brewery where BreweryName= 'Hill
Farmstead Brewery'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Society & Solitude 6'),(SELECT BreweryId from Brewery where BreweryName= 'Hill
Farmstead Brewery'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Clara Grisette'),(SELECT BreweryId from Brewery where BreweryName= 'Hill
Farmstead Brewery'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Flora'),(SELECT BreweryId from Brewery where BreweryName= 'Hill Farmstead
Brewery'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Earl Coffee Oatout'),(SELECT BreweryId from Brewery where BreweryName= 'Hill
Farmstead Brewery'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='The Substance'),(SELECT BreweryId from Brewery where BreweryName= 'Bissell
Brothers Brewing Co.'))

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INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Swish'),(SELECT BreweryId from Brewery where BreweryName= 'Bissell Brothers
Brewing Co.'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Reciprocal'),(SELECT BreweryId from Brewery where BreweryName= 'Bissell
Brothers Brewing Co.'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='LUX Rye Ale'),(SELECT BreweryId from Brewery where BreweryName= 'Bissell
Brothers Brewing Co.'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Baby Genius Ale'),(SELECT BreweryId from Brewery where BreweryName= 'Bissell
Brothers Brewing Co.'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Nothing Gold'),(SELECT BreweryId from Brewery where BreweryName= 'Bissell
Brothers Brewing Co.'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Bucolia'),(SELECT BreweryId from Brewery where BreweryName= 'Bissell Brothers
Brewing Co.'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Diavoletto'),(SELECT BreweryId from Brewery where BreweryName= 'Bissell
Brothers Brewing Co.'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Industry Vs. Inferio'),(SELECT BreweryId from Brewery where BreweryName=
'Bissell Brothers Brewing Co.'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='I-Lucky'),(SELECT BreweryId from Brewery where BreweryName= 'Bissell Brothers
Brewing Co.'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Umbra'),(SELECT BreweryId from Brewery where BreweryName= 'Bissell Brothers
Brewing Co.'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Heres To Feeli'),(SELECT BreweryId from Brewery where BreweryName= 'Bissell
Brothers Brewing Co.'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Engram'),(SELECT BreweryId from Brewery where BreweryName= 'Bissell Brothers
Brewing Co.'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Dangol'),(SELECT BreweryId from Brewery where BreweryName= 'Bissell Brothers
Brewing Co.'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Seed'),(SELECT BreweryId from Brewery where BreweryName= 'Bissell Brothers
Brewing Co.'))
INSERT INTO Beer_Brewery_List (BeerID, BreweryID) VALUES ((select BeerID from Beer where
BeerName='Preserve & Protect'),(SELECT BreweryId from Brewery where BreweryName= 'Bissell
Brothers Brewing Co.'))

```

```

Select * from Beer_Brewery_List

```

```

-- Insert data to Events table

```

```

Insert Into Events (EventName, LocationName, EventDate, SeasonID)
VALUES ('BeerFest1', 'Times Square', '3/14/2018',(Select SeasonID from
Event_Season where SeasonName = 'Spring') )

```

```

Insert Into Events (EventName, LocationName, EventDate, SeasonID)
VALUES ('BeerFest12', 'Times Square', '7/14/2018',(Select SeasonID from
Event_Season where SeasonName = 'Summer') )

```

```

Insert Into Events (EventName, LocationName, EventDate, SeasonID)
VALUES ('BeerFest3', 'Times Square', '11/14/2017', (Select SeasonID from
Event_Season where SeasonName = 'Fall' ) )

Insert Into Events (EventName, LocationName, EventDate, SeasonID)
VALUES ('BeerFest4', 'Suracuse Univer', '1/14/2018', (Select SeasonID from
Event_Season where SeasonName = 'Winter' ) )

Insert Into Events (EventName, LocationName, EventDate, SeasonID)
VALUES ('BeerFest4', 'Columbos Square', '3/15/2018', (Select SeasonID from
Event_Season where SeasonName = 'Spring' ) )

Insert Into Events (EventName, LocationName, EventDate, SeasonID)
VALUES ('BeerFest43', 'Columbos Square', '1/15/2018', (Select SeasonID from
Event_Season where SeasonName = 'Winter' ) )

Insert Into Events (EventName, LocationName, EventDate, SeasonID)
VALUES ('WorldsBeerFest', 'Syracuse Univer', '8/15/2018', (Select SeasonID from
Event_Season where SeasonName = 'Summer' ) )
Insert Into Events (EventName, LocationName, EventDate, SeasonID)
VALUES ('WorldsBeerFest2', 'Syracuse Univer', '8/16/2018', (Select SeasonID from
Event_Season where SeasonName = 'Summer' ) )
Insert Into Events (EventName, LocationName, EventDate, SeasonID)
VALUES ('WorldsBeerFest3', 'Syracuse Univer', '8/17/2018', (Select SeasonID from
Event_Season where SeasonName = 'Summer' ) )
Insert Into Events (EventName, LocationName, EventDate, SeasonID)
VALUES ('WorldsBeerFest4', 'Syracuse Univer', '8/18/2018', (Select SeasonID from
Event_Season where SeasonName = 'Summer' ) )

Select * from Events

Select* from Member_Event_List

INSERT INTO Member_Event_List(MemberID, EventID)
VALUES
('4', '1'),
('10', '1'),
('1', '2'),
('3', '2'),
('5', '2'),
('9', '2'),
('2', '3'),
('2', '7'),
('6', '3'),
('8', '3'),
('1', '4'),
('7', '4'),
('3', '5'),
('4', '5'),
('6', '5'),
('7', '5'),
('8', '5'),
('10', '5'),
('5', '6'),
('9', '6'),
('4', '7'),
('8', '7'),

```

```
('3', '8'),
('7', '8'),
('2', '9'),
('6', '9'),
('10', '9'),
('1', '10'),
('5', '10'),
('9', '10'),
('1', '9'),
('1', '8'),
('2', '1'),
('2', '6'),
('6', '7'),
('6', '10'),
('8', '10'),
('8', '9'),
('6', '6')
```

-- Inserting data in Member_Brewery_List

```
INSERT INTO Member_Brewery_List(MemberID, BreweryID)
VALUES
```

```
('1', '12'),
('2', '11'),
('2', '10'),
('4', '9'),
('10', '1'),
('10', '2'),
('10', '3'),
('10', '4'),
('10', '5'),
('10', '6'),
('10', '7'),
('10', '8'),
('10', '9'),
('10', '10'),
('10', '11'),
('10', '12'),
('10', '13'),
('10', '14'),
('9', '7'),
('8', '6'),
('7', '5'),
('6', '4'),
('5', '3'),
('4', '2'),
('3', '1'),
('2', '1'),
('2', '2'),
('2', '3'),
('2', '4'),
('2', '5'),
('2', '6'),
('2', '7'),
('2', '8'),
('2', '9'),
('2', '10'),
```

```
('2', '11'),
('2', '13'),
('2', '14'),
('1', '1'),
('1', '2'),
('1', '3'),
('1', '4'),
('1', '5'),
('1', '6'),
('1', '7'),
('1', '8'),
('1', '9'),
('1', '10'),
('1', '11'),
('1', '12'),
('1', '13'),
('1', '14')
```

```
SELECT * FROM Member_Brewery_List
```

```
SELECT * FROM Event_Brew_List
```

```
INSERT INTO Event_Brew_List (breweryID, EventID)
VALUES ('1', '1'),
```

```
('1', '2'),
('1', '3'),
('1', '4'),
('1', '5'),
('1', '6'),
('1', '7'),
('1', '8'),
('1', '9'),
('1', '10'),
('2', '1'),
('2', '2'),
('2', '3'),
('2', '4'),
('2', '5'),
('2', '6'),
('2', '7'),
('2', '8'),
('2', '9'),
('2', '10'),
('3', '1'),
('3', '2'),
('3', '3'),
('3', '4'),
('3', '5'),
('3', '6'),
('3', '7'),
('3', '8'),
('3', '9'),
('3', '10'),
('4', '1'),
('4', '2'),
('4', '3'),
('4', '4'),
```


('4', '5'),
('4', '6'),
('4', '7'),
('4', '8'),
('4', '9'),
('4', '10'),
('5', '1'),
('5', '2'),
('5', '3'),
('5', '4'),
('5', '5'),
('5', '6'),
('5', '7'),
('5', '8'),
('5', '9'),
('5', '10'),
('6', '1'),
('6', '2'),
('6', '3'),
('6', '4'),
('6', '5'),
('6', '6'),
('6', '7'),
('6', '8'),
('6', '9'),
('6', '10'),
('10', '1'),
('10', '2'),
('10', '3'),
('10', '4'),
('10', '5'),
('10', '6'),
('10', '7'),
('10', '8'),
('10', '9'),
('10', '10'),
('13', '1'),
('13', '2'),
('13', '3'),
('13', '4'),
('13', '5'),
('13', '6'),
('13', '7'),
('13', '8'),
('13', '9'),
('13', '10'),
('14', '1'),
('14', '2'),
('14', '3'),
('14', '4'),
('14', '5'),
('12', '2'),
('12', '3'),
('12', '4'),
('12', '5'),
('11', '1'),
('11', '3'),
('11', '4'),

```
('11', '5')
```

```
--PROJECT QUESTIONS
```

```
-- (1)Which Member has logged the most beers?
```

```
SELECT Member_beer_list.MemberID,  
Username, COUNT(MemberBeerID) As Beer_Count  
  
FROM Member_beer_list  
JOIN Member on Member_beer_list.MemberID = Member.MemberID  
  
GROUP BY Member_beer_list.MemberID, UserName  
ORDER BY COUNT(MemberBeerID) DESC
```

```
-- (2)Which beers is the most popular among the member of the club?
```

```
SELECT Member_beer_list.BeerID,  
Beername, COUNT(MemberBeerID) As Beer_Count  
  
FROM Member_beer_list  
JOIN Beer on Member_beer_list.beerID = beer.beerid  
  
GROUP BY Member_beer_list.BeerID, BeerName  
ORDER BY COUNT(MemberBeerID) DESC
```

```
-- (3)Which members have visited the most breweries?
```

```
SELECT Member_Brewery_List.MemberID,  
Username, COUNT(MemberBrewID) As Brewery_Visits  
  
FROM Member_Brewery_List  
JOIN Member on Member_Brewery_List.MemberID = Member.MemberID  
  
GROUP BY Member_Brewery_List.MemberID, UserName  
ORDER BY COUNT(MemberBrewID) DESC
```

```
-- (4)Which Beer Fest has the highest number of attendees? and how many distinct  
breweries were at that event?
```

```
SELECT member_event_list.MemberID,  
Username, COUNT(MembereventID) As Events_Attended  
  
FROM member_event_list  
JOIN Member on member_event_list.MemberID = Member.MemberID  
  
GROUP BY member_event_list.MemberID, UserName  
ORDER BY COUNT(MembereventID) DESC
```

```
SELECT DISTINCT (event_brew_list.breweryID)AS BreweryID, BreweryName  
From event_brew_list  
JOIN Brewery on event_brew_list.BreweryID = Brewery.BreweryID
```

```
-- Objects
```

---(1) Beer ID Look up

```
CREATE FUNCTION dbo.BeerLookup (@beername varchar (50))
RETURNS int as
BEGIN
    DECLARE @returnValue int

    SELECT @RETURNVALUE = BeerID FROM Beer
    where BeerName = @beername
return @returnValue
end
go
```

```
SELECT dbo.BeerLookup('Very Hazy')
```

--(2) Brewery ID look up

```
CREATE FUNCTION dbo.BreweryLookup (@breweryname varchar (100))
RETURNS int as
BEGIN
    DECLARE @returnValue int

    SELECT @RETURNVALUE = BreweryID FROM Brewery
    where BreweryName = @breweryname
return @returnValue
end
go
```

-- list of beers based on the lookup function

```
Select Brewery.BreweryID, Beername
From beer
join Beer_brewery_list on Beer.BeerID = Beer_brewery_list.BeerID
join Brewery on Brewery.BreweryID = Beer_brewery_list.BreweryID
Where Brewery.BreweryID =(
Select dbo.BreweryLookup ('The Alchemist Brewery'))
```

-- Views

--(3) View of top 10 beers by ABV

```
CREATE VIEW TopABV as
SELECT TOP 10 * FROM Beer
ORDER BY abv
select * from TopABV
```

-- (4)View of count of breweries by number of beers

```
Create view TopBrewery as
SELECT DISTINCT(Brewery)as BreweryName, count(beerid) AS Beers
from beer
GROUP BY Brewery
```

```
select * from TopBrewery order by Beers desc
```

--(5) create procedure to update Brewery's StreetName

```
CREATE PROCEDURE ChangeStreetName (@BreweryName varchar(50), @newStreetName varchar (50))
AS
BEGIN
    UPDATE Brewery Set StreetName = @newStreetName
    WHERE BreweryName = @BreweryName
End
Go

exec ChangeStreetName 'Bottle Logic Brewing', 'New steet'
```

GUI –

Microsoft Access was utilized to create forms to display different information from the database.

This form helps find information about each beer in the database

The screenshot shows the 'Beer' form in Microsoft Access. The left-hand pane displays the 'Tables' list, including 'dbo_Beer', 'dbo_Beer_Brewery_List', 'dbo_Brewery', 'dbo_Event_Brew_List', 'dbo_Event_Season', 'dbo_Events', 'dbo_Member', 'dbo_Member_Beer_List', 'dbo_Member_Brewery_List', and 'dbo_Member_Event_List'. The 'Forms' section shows 'Beer' and 'Brewery Subform'. The main form area displays the following data:

BeerID	BeerName	Brewery	Style	ABV	IBU
26	Sap	Tree House Brewing Company	New England IPA	7	

Below the form fields is a table with two columns: 'BreweryName' and 'City'. The data is as follows:

BreweryName	City
Tree House Brewing Company	Charlton

The status bar at the bottom indicates 'Record: 1 of 1' and 'No Filter'.

This form shows the beers and breweries each member has had

The screenshot shows the 'Member' form in Microsoft Access. The left-hand pane displays the 'Tables' list, including 'dbo_Beer', 'dbo_Beer_Brewery_List', 'dbo_Brewery', 'dbo_Event_Brew_List', 'dbo_Event_Season', 'dbo_Events', 'dbo_Member', 'dbo_Member_Beer_List', 'dbo_Member_Brewery_List', and 'dbo_Member_Event_List'. The 'Forms' section shows 'Beer' and 'Brewery Subform'. The main form area displays the following data:

MemberID	Username
5	UserName05

Below the form fields is a table with four columns: 'BeerID', 'BeerName', 'Brewery', and 'City'. The data is as follows:

BeerID	BeerName	Brewery	City
44	Julius W Guava	Tree House Brewing Company	New En
211	Velvet Merkin	Firestone Walker Brewing Co.	English
141	Beelzebub	The Alchemist Brewery	America
106	Curiosity Forty Three	Tree House Brewing Company	America
1	Very Hazy	Tree House Brewing Company	New En
*	(New)		

The status bar at the bottom indicates 'Record: 1 of 5' and 'No Filter'.

A view of the beers at each brewery

Brewery

BreweryID

4

BreweryName

Firestone Walker Brewing Co.

City

Paso Robles

StateName

California

BeerList

BeerID	BeerName	Brewery	
205	Union Jack IPA	Firestone Walker Brewing Co.	Ame
206	Parabola	Firestone Walker Brewing Co.	Russ
207	Sucaba	Firestone Walker Brewing Co.	Britis
208	Velvet Merlieal Stout	Firestone Walker Brewing Co.	Engli
209	DBA Double Barrel Ale	Firestone Walker Brewing Co.	Engli
210	Stickee Monkee	Firestone Walker Brewing Co.	Belgi
211	Velvet Merkin	Firestone Walker Brewing Co.	Engli
212	Pivo Pils	Firestone Walker Brewing Co.	Gern
213	Pale 31 Pale Ale	Firestone Walker Brewing Co.	Ame
214	Double Double Barrel Ale	Firestone Walker Brewing Co.	Britis
215	Easy Jack Session IPA	Firestone Walker Brewing Co.	Ame
216	Opal	Firestone Walker Brewing Co.	Belgi
217	Halderado	Firestone Walker Brewing Co.	Ame

Record: 1 of 17 No Filter Search