Assignment 1
Example Test Cases

Last updated: **Monday 11th October 9:10pm**
Most recent changes are shown in red ... older changes are shown in brown.
[Assignment Spec] [Database Design] **[Examples]** [Testing] [Submitting] [Fixes+Updates]

The following will give some sample inputs and outputs that you can use to estimate the correctness of your views and functions. At present it just shows output from a few simple queries.

These examples are by no means exhaustive, and more cases will be used in the auto-marking; it is up to you to perform comprehensive checking of your solution.

Note that the default behaviour when you raise an error is to print a line giving you the CONTEXT in the PLpgSQL code where the error was raised. We did not show the CONTEXT message in the examples below. For you to prevent the message, use the psql command:

```
\set verbosity terse
```

Of course, this will probably prevent the CONTEXT message appearing if your code has a genuine error, so rather than turning the message off, you could always just ignore it. Whether it's on or off does not affect the auto-marking.

Examples for BeerDB

```
-- How many breweries are there?

ass1=# select count(*) from Breweries;
 count
-------
   223
(1 row)

-- How many different beers are there?

ass1=# select count(*) from Beers;
 count
-------
   639
(1 row)

-- How many different countries have breweries?

ass1=# select distinct(country) from Locations order by country;
    country
---------------
 Australia
 Belgium
 Canada
 China
 Denmark
```

```
 England
 Germany
 Hong Kong
 Italy
 Japan
 Mexico
 Netherlands
 New Zealand
 Norway
 Poland
 Scotland
 Sweden
 United States
 Vietnam
(19 rows)
```

```
ass1=# select * from q1 order by brewery;
                   brewery
------------------------------------------
 Bayerische Staatsbrauerei Weihenstephan
(1 row)
```

```
ass1=# select * from q2 order by beer;
           beer
--------------------------
 Age of Aquarius
 Aro Street
 Bentshovel xBa
 Brekkie Juice
 Cosmic Omnibus
 Covered in Puppies
 Daughters of the Neptune
 Dream Cake
 Dry Haze
 Easy As Is Pretty Sweet
 Escape from LA
 Escape is Fruitile
 Galaxy Valley
 High Expectations
 Hop Zombie[R]
 Major Mac
 My Antonia
 No Dreams Til Brooklyn
 Philosophy and Velocity
 Six Four Four
 Sunrise Valley
 Tempest
 Vampyre Lovers
 Wattleseed Brown Ale
 Yakima Valley
```

```
(25 rows)

ass1=# select * from q3 order by worst;
         worst
-----------------------
 0.0
 Carlton Draught
 Tooheys New
 Victoria Bitter (VB)
 XXXX Bitter
(5 rows)

ass1=# select * from q4 order by beer;
        beer        | abv |     style     | max_abv
--------------------+-----+---------------+---------
 Sink the Bismarck  |  41 | Quintuple IPA |    18.5
(1 row)

ass1=# select * from q5 order by style;
 style
-------
 IPA
(1 row)

ass1=# select * from q6 order by style1;
   style1   |   style2
------------+------------
 DOuble IPA | Double IPA
(1 row)

ass1=# select * from q7 order by brewery;
       brewery
---------------------
 Alpine Beer Company
 Capital Brewing Co
(2 rows)

ass1=# select * from q8 order by city;
  city  |  country
--------+-----------
 Sydney | Australia
(1 row)

ass1=# select * from q9 order by brewery;
           brewery           | nstyles
-----------------------------+---------
 Akasha Brewing Company      |       9
 Bacchus Brewing Company     |      10
 Batch Brewing Co            |       6
 Bentspoke Brewing Co        |      11
 Big Shed Brewing            |       6
 Bracket Brewing             |       6
 Brewdog                     |       8
 Bridge Road Brewers         |       6
```

```
 Dainton Brewing               |       9
 Deeds Brewing                 |       9
 Frenchies Bistro and Brewery  |       7
 Garage Project                |      13
 Hawkers Beer                  |       9
 Hope Brewery                  |      10
 Moon Dog Craft Brewery        |      11
 Mountain Culture Beer Co      |      15
 One Drop Brewing Co.          |      13
 Sierra Nevada Brewing Company |      12
 Stockade Brew Co              |       6
 Tallboy & Moose Make Beer Pty Ltd |   10
(20 rows)
```

-- q10 = get beerinfo for given style name

```
ass1=# select * from q10('No such type');
 beer | brewery | style | year | abv
------+---------+-------+------+-----
(0 rows)
```

```
ass1=# select * from q10('Quintuple IPA');
         beer          |   brewery    |     style     | year | abv
-----------------------+--------------+---------------+------+-----
 F/A-18% Rhino IIIIIPA | Hope Brewery | Quintuple IPA | 2019 |  18
 Sink the Bismarck     | Brewdog      | Quintuple IPA | 2010 |  41
(2 rows)
```

```
ass1=# select * from q10('Saison');
             beer             |           brewery            | style  | year

------------------------------+------------------------------+--------+-----
-
 Edward                       | Van Dieman Brewing           | Saison | 2019
 Oceanna                      | Frenchies Bistro and Brewery | Saison | 2020
 Saison                       | Exit Brewing                 | Saison | 2019
 Saison Dupont                | Brasserie Dupont             | Saison | 2020
 Saison Dupont Cuvee Dry Hopping | Brasserie Dupont          | Saison | 2020
 Single Hop India Saison      | New England Brewing Co       | Saison | 2021
(6 rows)
```

```
ass1=# select * from q10('Double IPA');
         beer          |         brewery          |   style    | year | abv
-----------------------+--------------------------+------------+------+-----
 Cabin Fever           | Hargreaves Hill Brewing Co | Double IPA | 2020 |    8
 Citra Double IPA      | Liberty Brewing Company  | Double IPA | 2020 |    9
 DDH Hi-Res            | Sixpoint Brewery         | Double IPA | 2019 | 11.1
 Day Trip              | Hawkers Beer             | Double IPA | 2020 |    9
 Double Destructor     | Woolshed Brewery         | Double IPA | 2019 |  8.3
 Double Moonage        | Cellarmaker Brewing Co   | Double IPA | 2018 |  8.2
 Double West Coast IPA | Hawkers Beer             | Double IPA | 2020 |    9
 Further thru the Haze | Bear Republic Brewing    | Double IPA | 2020 |    8
 Gone Green IIPA       | Colonial Brewing Company | Double IPA | 2021 |  8.2
 Headliner             | Otherside Brewing Co     | Double IPA | 2020 |    8
```

```
  Intergalatic Lovechild | Deeds Brewing              | Double IPA | 2020 |    8
  Kook                    | Pizza Port Brewing Company | Double IPA | 2021 | 8.5
  Korben D                | Akasha Brewing Company     | Double IPA | 2019 | 8.5
  Lupulin Effect          | Deep Creek Brewing         | Double IPA | 2019 | 8.5
  Lupus The Wolf Man      | Garage Project             | Double IPA | 2020 |   9
  Mandarina Meine Liebe   | Hawkers Beer               | Double IPA | 2020 |   9
  Mega-Hop                | Sauce Brewing Co           | Double IPA | 2019 | 8.3
  Oaked Guava DIPA        | Big Shed Brewing           | Double IPA | 2021 |   8
  Peak Conditions         | Stone Brewing              | Double IPA | 2019 | 8.2
  Pernicious Weed         | Garage Project             | Double IPA | 2020 |   8
  Poolside                | Modern Times Beer          | Double IPA | 2020 | 8.5
  Racer X                 | Bear Republic Brewing      | Double IPA | 2019 | 8.3
  Road Tripper            | Little Bang Brewing Co     | Double IPA | 2020 | 8.1
  Romeo and Juliet        | Akasha Brewing Company     | Double IPA | 2021 |   8
  Smalltowner             | New England Brewing Co     | Double IPA | 2019 | 7.9
  Sonic Boom              | N.O.M.A.D Brewing          | Double IPA | 2020 | 7.8
  Tesselation             | Lone Pine Brewing          | Double IPA | 2020 | 8.1
  The Dank                | Batch Brewing Co           | Double IPA | 2018 |   9
  The Toques of Hazzard   | Parallel49 Brewing Company | Double IPA | 2020 | 9.2
  Wasabi Sumo             | Stockade Brew Co           | Double IPA | 2021 |   9
(30 rows)


ass1=# select * from q10('Hazy Double IPA') order by beer;
          beer            |                      brewery                      |
--------------------------+---------------------------------------------------+---
  Anvil of Hope           | AleSmith Brewing Co                               | Haz
  Atticus Atlas           | Parish Brewing Co                                 | Haz
  Blur Vines              | Deeds Brewing                                     | Haz
  Covered in Puppies      | Omnipollo + Trillium Brewing Company              | Haz
  Daughters of the Neptune | Deeds Brewing + Outer Range Brewing Company      | Haz
  Diamond Drive           | Modern Times Beer                                 | Haz
  El Patrone              | Uitlje Brewing Compant                            | Haz
  Endless Summer          | Brothers Beer                                     | Haz
  Galaxy Valley           | Garage Project + Trillium Brewing Company         | Haz
  Go Local Sports Team    | Chur (Behemoth) Brewing                           | Haz
  Haze Cake               | Clown Shoes Beer                                  | Haz
  Hummingbird             | Deeds Brewing                                     | Haz
  NEeD vol.1              | Bridge Road Brewers                               | Haz
  Num Num Juice           | Mountain Culture Beer Co                          | Haz
  Tempest                 | Deeds Brewing + Outer Range Brewing Company       | Haz
  The Detective           | CoConspirators Brewing Co                         | Haz
  Yakima Valley           | Garage Project + Trillium Brewing Company         | Haz
  You Can't Handle the Juice | Heretic Brewing                                | Haz
(18 rows)



-- q11 = get formatted beerinfo for partial beer name

ass1=# select * from q11('ooo');
 q11
-----
(0 rows)


ass1=# select * from q11('ool');
```

```
                              q11
------------------------------------------------------------
 "Old School", Wayward Brewing Co, West Coast IPA, 6.8% ABV
 "Poolside", Modern Times Beer, Double IPA, 8.5% ABV
(2 rows)


ass1=# select * from q11('xy');
                                    q11
---------------------------------------------------------------------------
 "Fractal VicSecret/Galaxy", Equilibrium Brewery, NEIPA, 6.8% ABV
 "Galaxy Fart Blaster", West City Brewing, Kettle soured Double IPA, 8.5% ABV
 "Galaxy Valley", Garage Project + Trillium Brewing Company, Hazy Double IPA, 8
(3 rows)


ass1=# select * from q11('good');
                              q11
-----------------------------------------------------------------
 "Feels Good Man", Carbon Brews, Hopfenweisse, 4.9% ABV
 "Good of the Public", Societe Brewing Company, IPA, 6.5% ABV
(2 rows)


ass1=# select * from q11('eet');
                                    q11
---------------------------------------------------------------------------
 "Aro Street", Garage Project + Trillium Brewing Company, NEIPA, 7.2% ABV
 "Easy As Is Pretty Sweet", Garage Project + Modern Times Beer, Hazy IPA, 6% AB
 "Red Sheet", Hawkers Beer, Imperial Red IPA, 8% ABV
 "StreetX", Beer Farm, NEIPA, 6% ABV
(4 rows)


ass1=# select * from q11('cream');
                                 q11
---------------------------------------------------------------------
 "Mango Oat Cream", N.O.M.A.D Brewing, IPA, 6.5% ABV
 "Oat Cream", Six String Brewing Company, Hazy IPA, 7% ABV
 "Oat Cream India Pale Ale", Grassy Knoll Brewing, IPA, 6.7% ABV
 "Peaches and S'Cream", Dainton Brewing, Oat Cream NEIPA, 7.5% ABV
(4 rows)


ass1=# select * from q11('hazy');
                                    q11
--------------------------------------------------------------------------------
 "Del Mar Pink Grapefruit Hazy IPA", Urbanaut Brewing Co, Hazy IPA, 6% ABV
 "East Coast Hazy IPA", Bracket Brewing, NEIPA, 6.2% ABV
 "Hazy", Balter Brewing Co, Hazy IPA, 6% ABV
 "Hazy IPA", Holgate Brewhouse, Hazy IPA, 6.8% ABV
 "Hazy IPA", Nogne 0 (Hansa Borg), Hazy Pale Ale, 4.5% ABV
 "Hazy IPA", One Drop Brewing Co., Hazy IPA, 7.2% ABV
 "Hazy IPA", Malt Wolf Pty Ltd, Hazy IPA, 6.2% ABV
 "Hazy IPA", Bracket Brewing, NEIPA, 7.1% ABV
 "Hazy IPA", Hawkers Beer, Hazy IPA, 6.2% ABV
 "Hazy Jane", Brewdog, NEIPA, 5% ABV
 "Hazy Life", Revision Brewing Company, Double NEIPA, 7.8% ABV
 "Hazy Little Thing", Sierra Nevada Brewing Company, Hazy IPA, 6.7% ABV
```

```
 "Hazy Pale", Bracket Brewing, NEIPA, 5.6% ABV
 "Hyperborea Hazy", Kaiju! Beer, Hazy IPA, 6.1% ABV
 "Joose Pary Hazy", Epic Brewing Company, Hazy Pale Ale, 5.3% ABV
 "Salted Caramel Hazy IIIPA", Hope Brewery, Hazy Triple IPA, 11.3% ABV
(16 rows)

ass1=# select * from q11('ale');
                                          q11
------------------------------------------------------------------------------------
 "2021 Vintage Ale", Coopers Brewery, Strong Ale, 7.5% ABV
 "Alexander", Rodenbach Brewery, Flanders Red Ale, 5.6% ABV
 "Anniversary Ale 11", Murrays Brewing Co, Imperial Porter, 10% ABV
 "Arrogant Bastard Ale", Stone Brewing, Red IPA, 7.2% ABV
 "Australian Ale", Shark Island Brewing Company, Ale, 4.3% ABV
 "Hazy Pale", Bracket Brewing, NEIPA, 5.6% ABV
 "Hitachino Nest Red Rice Ale", Kiuchi Brewery (Hitachino), Ale, 7% ABV
 "India Red Ale", Prancing Pony Brewery, Red Double IPA, 7.9% ABV
 "India Red Ale", Prancing Pony Brewery, Double Red IPA, 7.9% ABV
 "Monks' Reserve Ale", Spencer Brewery, Belgian Quadrupel, 10.2% ABV
 "Nut Brown Ale", Samuel Smiths Brewery, Brown Ale, 5% ABV
 "Oat Cream India Pale Ale", Grassy Knoll Brewing, IPA, 6.7% ABV
 "Pacific Red Ale", 3 Ravens Brewing Co, Red IPA, 5.8% ABV
 "Pale Ale", Algorithm Brewing, Pale Ale, 5% ABV
 "Pale Ale", Mountain Culture Beer Co, Pale Ale, 5% ABV
 "Pale Ale", Prancing Pony Brewery, Pale Ale, 5.5% ABV
 "Pale Ale", Sierra Nevada Brewing Company, Pale Ale, 5% ABV
 "Pumpkin Spiced Latte Ale", Pirate Life Brewing, Strong Ale, 8% ABV
 "Refreshing Ale", Stockade Brew Co, Pale Ale, 4.2% ABV
 "Salted Caramel Brown Ale", 3 Ravens Brewing Co, Brown Ale, 4.5% ABV
 "Scotch Ale", Caledonian Brewery, Scotch Ale, 6.4% ABV
 "Sour Brett Ale", Holgate Brewhouse, Sour Blonde Ale, 5.8% ABV
 "Sunset Ale", Two Birds Brewing, Amber Ale, 4.6% ABV
 "Trail Ale", Detour Beer Co, Pale Ale, 3.5% ABV
 "Trappist Ale", Spencer Brewery, Belgian Golden Ale, 6.2% ABV
 "Wattleseed Brown Ale", N.O.M.A.D Brewing + Rogue Ales and Spirits, Brown Ale,
(26 rows)


-- q12 = get info about breweries and the beers they make

ass1=# select * from q12('xyzzy');
 q12
-----
(0 rows)

ass1=# select * from q12('goat');
                         q12
---------------------------------------------------
 Mountain Goat Beer, founded 1997
 located in Richmond, Victoria, Australia
   "Imperial Stout", Imperial Stout, 2015, 12.1% ABV
(3 rows)

ass1=# select * from q12('alpine');
```

```
                        q12
--------------------------------------------------
 Alpine Beer Company, founded 2002
 located in Alpine, California, United States
   No known beers
(3 rows)


ass1=# select * from q12('sierra');
                            q12
----------------------------------------------------------
 Sierra Nevada Brewing Company, founded 1980
 located in Chico, California, United States
   "Floral IPA", IPA, 2012, 5.9% ABV
   "Oatmeal Stout", Imperial Stout, 2012, 9% ABV
   "Belgian Style Black IPA", Black IPA, 2013, 7.7% ABV
   "Nooner", Session IPA, 2017, 4.8% ABV
   "Oktoberfest", Marzen, 2017, 6.1% ABV
   "Snow Wit", White IPA, 2018, 5.3% ABV
   "Torpedo", Extra IPA, 2018, 7.2% ABV
   "Fantastic Haze", Imperial IPA, 2019, 9% ABV
   "Hazy Little Thing", Hazy IPA, 2019, 6.7% ABV
   "Narwhal (BA)", Imperial Stout, 2019, 11.5% ABV
   "40", IPA, 2020, 6% ABV
   "Bigfoot", Barley Wine, 2020, 9.6% ABV
   "California IPA", IPA, 2020, 4.2% ABV
   "Dankful", IPA, 2020, 7.4% ABV
   "Farm Trail Harvest", Baltic Porter, 2021, 7% ABV
   "Pale Ale", Pale Ale, 2021, 5% ABV
(18 rows)


ass1=# select * from q12('moon');
                             q12
------------------------------------------------------------------
 Moon Dog Craft Brewery, founded 2010
 located in Preston, Victoria, Australia
   "Jumping the Shark 2013", Imperial Stout, 2013, 15.4% ABV
   "Jumping the Shark 2015", Imperial Rye Stout, 2015, 18.4% ABV
   "Love Tap", Lager, 2018, 5% ABV
   "Ember's IPA", Red IPA, 2019, 7% ABV
   "Jumping the Shark 2019", Imperial Stout, 2019, 12.1% ABV
   "The Future is Bright", IPA, 2019, 6.6% ABV
   "Timothy Tamothy Slamothy", Milk Stout, 2019, 6.5% ABV
   "Dream Cake", Imperial Dark Ale, 2020, 8.8% ABV
   "Major Mac", Milk Stout, 2020, 6% ABV
   "Ogden Nash's Pash Rash", Imperial Stout, 2020, 8.2% ABV
   "The Duke of Chifley", Barley Wine, 2020, 12.2% ABV
   "The Pav is Ours", Pale Ale, 2020, 5.5% ABV
   "Bless the Haze", Oat Cream IPA, 2021, 7.2% ABV
   "EyePA", IPA, 2021, 7% ABV
   "Groundhog Daze", Hazy IPA, 2021, 6.2% ABV
   "Jumping the Shark 2021", Imperial Stout, 2021, 12.6% ABV
 Moonraker Brewing, founded 2016
 located in Auburn, California, United States
   "Zamboni Haze", Imperial IPA, 2017, 8% ABV
```

```
(21 rows)

ass1=# select * from q12('ave');
                              q12
-----------------------------------------------------------
 3 Ravens Brewing Co, founded 2003
 located in Thornbury, Victoria, Australia
   "Little Tripel", Tripel, 2019, 9% ABV
   "Pacific Red Ale", Red IPA, 2019, 5.8% ABV
   "The Druid", Quadrupel, 2019, 10% ABV
   "Salted Caramel Brown Ale", Brown Ale, 2020, 4.5% ABV
 Belching Beaver Brewery, founded 2012
 located in Oceanside, California, United States
   "Digital Bath", NEIPA, 2019, 6.5% ABV
   "Viva La Beaver (BA)", Imperial Milk Stout, 2019, 12.5% ABV
   "High Expectations", Hazy IPA, 2020, 6.7% ABV
   "Swerve City", IPA, 2020, 6.6% ABV
 Hargreaves Hill Brewing Co, founded 2004
 located in Lilydale, Victoria, Australia
   "Cabin Fever", Double IPA, 2020, 8% ABV
   "Fruitopia (#2)", Hazy IPA, 2020, 7% ABV
   "Pursuit of Hoppiness", Hazy IPA, 2020, 7% ABV
 Sailors Grave Brewing, founded 2015
 located in Orbost, Victoria, Australia
   "Treatise of Light", Hazy IPA, 2020, 6.7% ABV
(20 rows)

ass1=# select * from q12('ale');
                                 q12
------------------------------------------------------------------------------
 AleSmith Brewing Co, founded 1995
 located in San Diego, California, United States
   "Anvil of Hope", Hazy Double IPA, 2019, 7.5% ABV
   "Escape is Fruitile", IPA, 2019, 7% ABV
   "Juice Stand", Hazy IPA, 2019, 6.7% ABV
   "Luped In IPA", IPA, 2019, 6.5% ABV
   "Cosmic Omnibus", Hazy IPA, 2020, 6.8% ABV
   "IPA", IPA, 2020, 7.2% ABV
   "Philosophy and Velocity", Imperial Stout + Quadrupel blend, 2020, 11.5% ABV
 Birra Peroni Industriale, founded 2000
 located in Roma, Lazio, Italy
   "Gran Riserva Rossa", Amber Lager, 2014, 5.2% ABV
 Caledonian Brewery, founded 1869
 located in Ediburgh, Lothian, Scotland
   "Scotch Ale", Scotch Ale, 2016, 6.4% ABV
 Rogue Ales and Spirits, founded 1998
 located in Newport, Oregon, United States
   "XS", Imperial IPA, 2016, 9.5% ABV
   "Hazelnut Brown Nectar", Brown Ale, 2019, 5.6% ABV
   "Chocolate Stout Nitro", Stout, 2020, 5.8% ABV
   "Coast Haste", Imperial Hazy IPA, 2020, 8.6% ABV
   "Colossal Claude", Imperial IPA, 2020, 8.2% ABV
   "Combat Wombat", Sour Hazy IPA, 2020, 6.7% ABV
   "Wattleseed Brown Ale", Brown Ale, 2020, 5% ABV
```

```
(24 rows)

ass1=# select * from q12('oun');
                              q12
---------------------------------------------------------
 Counter Culture Brewing, founded 2019
 located in Denver, Colorado, United States
   "Tequila Queen", Margarita, 2020, 7% ABV
 Figueroa Mountain Brewing Co, founded 2010
 located in Buellton, California, United States
   "Lizard's Mouth", Imperial IPA, 2019, 9% ABV
 Founders Brewing Company, founded 1997
 located in Grand Rapids, Michigan, United States
   "Breakfast Stout", Oatmeal Stout, 2018, 8.3% ABV
 Future Mountain Brewing and Blending, founded 2019
 located in Reservoir, Victoria, Australia
   "A Million Stars", Dark Farmhouse Ale, 2021, 5.5% ABV
 Harviestoun Brewery, founded 1983
 located in Alva, Stirlingshire, Scotland
   "Ola Dubh", Strong Ale, 2016, 8% ABV
 Mountain Culture Beer Co, founded 2019
 located in Katoomba, New South Wales, Australia
   "Back to Cali", West Coast IPA, 2020, 7.6% ABV
   "Double Red IPA", Double Red IPA, 2020, 8% ABV
   "Hypehopopotamus", NEIPA, 2020, 7.1% ABV
   "MSG", Oat Cream IPA, 2020, 6.9% ABV
   "Status Quo", NEPA, 2020, 5.6% ABV
   "5G", Oat Cream IPA, 2021, 7.6% ABV
   "Be Kind, Rewind", NEIPA, 2021, 7.3% ABV
   "Betamax", Oat Cream IPA, 2021, 7.5% ABV
   "Confetti Cannon", Oat Cream IPA, 2021, 7.3% ABV
   "Deep Cover", NEIPA, 2021, 6.2% ABV
   "Dolly", Hazy IPA, 2021, 7% ABV
   "El Hefe", Imperial Hefeweizen, 2021, 7% ABV
   "Ershaffer", Lager, 2021, 4.2% ABV
   "Garden Snake", NEIPA, 2021, 6.9% ABV
   "Harry", IPA, 2021, 8.8% ABV
   "Hill People Milk", Oat Cream NEIPA, 2021, 6.8% ABV
   "Hot Wax", NEIPA, 2021, 8.2% ABV
   "Lager", Lager, 2021, 4.6% ABV
   "Lloyd", West Coast IPA, 2021, 8.2% ABV
   "Mars Attacks", Marzen, 2021, 5.3% ABV
   "Moon Dust Stout", Stout, 2021, 5.6% ABV
   "Nancy", Oat Cream IPA, 2021, 7% ABV
   "Num Num Juice", Hazy Double IPA, 2021, 7.8% ABV
   "PC", West Coast IPA, 2021, 7.1% ABV
   "Pale Ale", Pale Ale, 2021, 5% ABV
   "Six Four Four", IPA, 2021, 8.2% ABV
   "Sticky Icky", Hazy IPA, 2021, 7.8% ABV
   "Toast", Stout, 2021, 9% ABV
   "Tonya", Milshake IPA, 2021, 7% ABV
   "Wanderlust", NEIPA, 2021, 7% ABV
 Mountain Goat Beer, founded 1997
 located in Richmond, Victoria, Australia
```

```
   "Imperial Stout", Imperial Stout, 2015, 12.1% ABV
 Young Master Hong Kong, founded 2013
 located in Wong Chuk Hang, Hong Kong
   "Dad Bod", Pale Ale, 2020, 5% ABV
(53 rows)
```