```
SAK Auto Auctions
Scottland Underwood
Andrew Sneed
Keegan Knisely
Stage 3: tables, queries and updates
********Create database and load tables*****
mysql> create database SAKAutoAuctions;
Query OK, 1 row affected (0.00 sec)
mysql> use SAKAutoAuctions
Database changed
/*used "\. <file.sql>" to create and populate tables*/
mysql> show tables;
+----+
| Tables in SAKAutoAuction |
+----+
Auction Automobile
Auctioneer
Bid Rep
Driver
Employee
Location
6 rows in set (0.00 \text{ sec})
******describe the 6 tables*******
mysql> describe Auction Automobile:
+----+
| Field | Type | Null | Key | Default | Extra |
+-----+
vin | varchar(50) | NO | PRI | NULL |
color | varchar(50) | YES | | NULL |
make | varchar(50) | YES | | NULL |
model | varchar(50) | YES | | NULL |
owner | varchar(50) | YES | | NULL
year | int(11) | YES | NULL |
title | varchar(12) | YES | NULL |
trans | varchar(8) | YES | NULL |
lot num | int(11) | YES | MUL | NULL
reserve | int(11) | YES | NULL |
mileage | int(11) | YES | NULL |
+----+
```

```
mysql> describe Auction Automobile;
+----+
| Field | Type
           | Null | Key | Default | Extra |
+----+
vin | varchar(50) | NO | PRI | NULL |
color | varchar(50) | YES | | NULL |
make | varchar(50) | YES |
                   | NULL
model | varchar(50) | YES |
                    NULL
owner | varchar(50) | YES | | NULL
year | int(11) | YES | NULL |
title | varchar(12) | YES | NULL |
trans | varchar(8) | YES | NULL |
lot num | int(11) | YES | MUL | NULL
reserve | int(11) | YES | NULL |
mileage | int(11) | YES | NULL |
+----+
mysql> describe Bid Rep;
+----+
| Field | Type | Null | Key | Default | Extra |
+----+
     | int(11) | YES | MUL | NULL |
bssn
| sales num | int(11) | YES | NULL |
+____+
mysql> describe Driver;
+----+
      | Type | Null | Key | Default | Extra |
+-----+
      | int(11) | YES | MUL | NULL |
dssn
| license num | int(11) | YES | NULL |
+----+
mysql> describe Employee;
+----+
      | Type | Null | Key | Default | Extra |
+----+
      | int(11) | NO | PRI | NULL |
ssn
salary
      | int(11) | YES | | NULL |
       | varchar(50) | YES | NULL
name
      | varchar(50) | YES | NULL
address
e lot number | int(11) | YES | MUL | NULL |
mysql> describe Location;
+----+
| Field | Type | Null | Key | Default | Extra | +-----+
```

```
Nnum cars in lot | int(11) | YES | | NULL |
         | int(11) | YES | | NULL | |
rent
          | int(11) | YES | | NULL |
lot size
          | varchar(50) | YES | NULL |
1 address
| lot number | int(11) | NO | PRI | NULL |
+-----+
**********insert|update|delete*******
/*insert single tuple*/
mysql> insert into Auction Automobile values ('1d7FC7ZAtemporary', 'Silver', 'Dodge', 'Dakota', 'keegan',
2005, 'clean', 'auto', 4, null, 131007);
Query OK, 1 row affected (0.06 sec)
/*show table with 911s, then delete one, show change, reinsert(for consistancy)*/
mysal> select * from Auction Automobile where model = '911':
| color | make | model | owner | year | title | trans | lot num | reserve | mileage |
1C3CC5FB1AN891726 | Orange | Porsche | 911 | dealer | 2008 | rebuilt | auto | 3 | NULL | 202549 |
1N6AF0LYXEN654421 | Mauv | Porsche | 911 | insurance | 1986 | rebuilt | auto | 5 | NULL | 14531
SCBFC7ZA6EC752199 | Purple | Porsche | 911 | dealer | 1996 | junk | manual | 4 | NULL | 189007 |
3 rows in set (0.00 \text{ sec})
mysql> delete from Auction Automobile where vin = 'SCBFC7ZA6EC752199';
Query OK, 1 row affected (0.06 sec)
mysql> select * from Auction Automobile where model = '911';
| color | make | model | owner | year | title | trans | lot | num | reserve | mileage |
+-----+
| 1C3CC5FB1AN891726 | Orange | Porsche | 911 | dealer | 2008 | rebuilt | auto | 3 | NULL | 202549 |
| 1N6AF0LYXEN654421 | Mauv | Porsche | 911 | insurance | 1986 | rebuilt | auto | 5 | NULL | 14531 |
.
+-----+
/*temp tuples to do multi delete*/
mysql> insert into Auction Automobile values ('5N1AA0NDtemporary', 'Black', 'Honda', 'Inspire', 'keegan',
1993, 'clean', 'auto', 1, null, 93379);
Ouery OK, 1 row affected (0.05 sec)
mysql> insert into Auction Automobile values ('5N1AA486temporary', 'White', 'Chevrolet', 'G-Series G20',
'keegan', 1993, 'clean', 'auto', 1, null, 121379);
Query OK, 1 row affected (0.05 sec)
```

```
mysql> insert into Auction Automobile values ('1d7FC7ZAtemporary', 'Silver', 'Dodge', 'Dakota', 'keegan',
2005, 'clean', 'auto', 4, null, 131007);
Query OK, 1 row affected (0.05 sec)
mysql> select * from Auction Automobile where owner = 'keegan';
| 1d7FC7ZAtemporary | Silver | Dodge | Dakota | keegan | 2005 | clean | auto | 4 | NULL | 131007 |
5N1AA0NDtemporary | Black | Honda | Inspire | keegan | 1993 | clean | auto | 1 | NULL | 93379 |
5N1AA486temporary | White | Chevrolet | G-Series G20 | keegan | 1993 | clean | auto | 1 | NULL |
3 rows in set (0.00 \text{ sec})
/*delete multi tuple (my temp cars)*/
mysql> delete from Auction Automobile where vin in (
 -> select vin from (select * from Auction Automobile) as d
 -> where d.owner = 'keegan');
Query OK, 3 rows affected (0.05 sec)
mysql> select * from Auction Automobile where owner = 'keegan';
Empty set (0.00 sec)
/*updates all priuses with new owner*/
mysql> select * from Auction Automobile where model = 'Prius';
| vin | | color | make | model | owner | vear | title | trans | lot | num | reserve | mileage |
5N1AA0ND1FN712067 | Maroon | Toyota | Prius | NULL | 2011 | rebuilt | auto | 1 | NULL | 160379 |
| WA1VMBFP4EA914659 | Orange | Toyota | Prius | NULL | 2003 | junk | auto | 3 | NULL | 113489 |
+-----+
2 rows in set (0.00 \text{ sec})
mysql> update Auction Automobile set owner = '***DEVIL***' where vin = '5N1AA0ND1FN712067';
Query OK, 1 row affected (0.05 sec)
Rows matched: 1 Changed: 1 Warnings: 0
mysql>
mysql> select * from Auction Automobile where model = 'Prius';
| color | make | model | owner | year | title | trans | lot | num | reserve | mileage |
| 5N1AA0ND1FN712067 | Maroon | Toyota | Prius | ***DEVIL*** | 2011 | rebuilt | auto | 1 | NULL |
160379
| WA1VMBFP4EA914659 | Orange | Toyota | Prius | NULL | 2003 | junk | auto | 3 | NULL | 113489
```

```
2 rows in set (0.00 \text{ sec})
/*update multiple*/
mysql> update Auction Automobile set owner = '***SatanOwnsAPrius***' where vin in (
 -> select vin from (select * from Auction Automobile) as u where u.model = 'Prius');
Ouery OK, 2 rows affected (0.05 sec)
Rows matched: 2 Changed: 2 Warnings: 0
mysql>
mysql> select * from Auction Automobile where model = 'Prius';
5N1AA0ND1FN712067 | Maroon | Toyota | Prius | ***SatanOwnsAPrius*** | 2011 | rebuilt | auto |
NULL | 160379 |
| WA1VMBFP4EA914659 | Orange | Toyota | Prius | ***SatanOwnsAPrius*** | 2003 | junk | auto |
NULL | 113489 |
**********Oueries**********
1. Multiple
Return the Name and Salary of All employees who are Auctioneers.
mysql> select name, salary
 -> from Employee, Auctioneer
 \rightarrow where assn = ssn;
+----+
name | salary |
Dominick Rouch | 101965 |
Tobey Bundey | 90446 |
Jorey Gronowe | 118231 |
Garnet Hourahan | 121095 |
Missy Bednell | 118108 |
Francene Benkhe | 121235 |
Gerrie Kinloch | 124468 |
Madelin Pelzer | 37220 |
Shannen Plascott | 120547 |
| Wyatan Merrifield | 117528 |
+----+
10 rows in set (0.00 \text{ sec})
/*
#2. Corrollated
# Return Make and model of vehicles that are in lot #3 with less than 10,000 miles.
```

```
mysql> select make, model
  -> from Auction Automobile a1
  -> where a1.mileage < 10000 and a1.year in
  -> (select year
  -> from Auction_Automobile a2, Location
  -> where lot number='3');
+----+
           model
make
Hyundai
            | Elantra
Ford
          | E-Series
Acura
           | NSX
          | Liberty
 Jeep
 MINI
          MINI
 Volkswagen | Touareg
 Ford
          | F350
            | Yukon
 GMC
 Mercedes-Benz | C-Class
 Nissan
           | Xterra
 Honda
           Element
Audi
          | Q5
Honda
           | Passport
 BMW
             8 Series
             Scoupe
 Hyundai
 Chevrolet
            | Suburban 2500 |
 GMC
            | 2500 Club Coupe |
 Toyota
           | 4Runner
 Mitsubishi | Mirage
 Toyota
           | Camry
 Hyundai
            | Elantra
 Buick
           | Special
           | Mini
Austin
23 rows in set (0.00 sec)
#3. Uncorrolated Nested
# Return addresses of all employees who are drivers.
mysql> select address
  -> from Employee e1
  -> where e1.ssn in (select ssn
  -> from Employee, Driver
  -> where ssn=dssn):
+----+
address
| 0393 Browning Trail |
```

```
65 Union Parkway
 15574 Dapin Road
 4924 Vermont Terrace
98 Florence Pass
 06 Burrows Avenue
 14918 Huxley Circle
 744 Dunning Court
 9 Milwaukee Parkway
 75 Heath Way
 75 Weeping Birch Pass
 25 Caliangt Place
 6480 Atwood Plaza
 8027 Southridge Place
 47262 Donald Way
 40 Fisk Parkway
 11 Dennis Avenue
 6710 Vernon Plaza
 752 Almo Drive
 43158 Riverside Circle |
 693 Barby Terrace
 74021 Veith Lane
+----+
22 rows in set (0.00 sec)
#4. Query using MINUS
# Return ssn's of employees who are NOT drivers.
select ssn
from Employee
MINUS
select ssn
from Employee, Driver
where ssn=dssn;
#5. Query using in
# Return Make, Model, and Color of all vehicles that are located on Lot 2
mysql> select Make, Model, color
  -> from Auction Automobile a1
  -> where al.lot num in (select lot num
  -> from Auction Automobile
  -> where lot num='2')
  ->;
```

+	++
Make 	Model
Chevrolet	Blazer   Turquoise
	Caravan   Aquamarine
	Sable   Fuscia
Lexus	IS F   Purple
	Continental   Puce
-	in   Vantage   Orange
BMW	Z4   Red
Lincoln	
Dodge	
_	Benz   W201   Mauv
	Venture   Indigo
	Neon   Violet
Chevrolet	Camaro   Violet
	Grand Voyager   Indigo
•	Wrangler   Khaki
Lexus	SC   Maroon
Audi	A6   Puce
Honda	Element   Crimson
	Firefly   Purple
Pontiac	6000   Goldenrod
	5000S
	FR-S   Maroon
	VUE   Turquoise
	Sonata   Aquamarine
	Rendezvous   Yellow
	Econoline E250   Turquoise
	Corvette   Violet
	in   V8 Vantage   Blue
	Grand Cherokee   Khaki
	Suburban 2500   Maroon
	ni   Aventador   Puce
Mitsubishi	
Mitsubishi	
Dodge	Ram Wagon B350   Mauv
Chrysler	Town & Country   Yellow
Toyota	4Runner   Red
2	Benz   W201   Indigo
Lincoln	MKZ   Red
Suzuki	Aerio   Fuscia
Suzuki	Samurai   Mauv
Honda	Civic   Yellow
Scion	xB  Khaki
Mazda	B-Series Plus   Yellow
Dodge	Ram 1500   Mauv
Jaguar	XJ   Orange

Pontiac	Honda	Civic Si	Aquamarine
Chrysler   300M   Mauv   GMC   Suburban 2500   Pink   Subaru   Impreza   Yellow   Mazda   B2500   Puce   BMW   8 Series   Mauv   Honda   S2000   Green   Hyundai   XG350   Green   Toyota   Tacoma Xtra   Red   Mercedes-Benz   300SE   Mauv   Ford   Aspire   Pink   Mercedes-Benz   CLK-Class   Purple   Spyker   C8   Crimson   Bentley   Azure   Mauv   BMW   Z4 M   Goldenrod   Honda   Odyssey   Maroon   Acura   Legend   Indigo   Lexus   SC   Green   Mercedes-Benz   CL-Class   Maroon   Chrysler   PT Cruiser   Mauv   Bentley   Azure   Mauv   BMW   Z4 M   Goldenrod   Honda   Odyssey   Maroon   Acura   Legend   Indigo   Lexus   SC   Green   Mercedes-Benz   CL-Class   Maroon   Chrysler   PT Cruiser   Mauv   Chevrolet   Express 1500   Blue   Ford   E-Series   Puce   Lincoln   Town Car   Orange   Dodge   Charger   Yellow   Hyundai   Elantra   Maroon   MINI   Clubman   Red   Ram   C/V   Pink   Suzuki   Aerio   Khaki   Chevrolet   Uplander   Fuscia   Mercedes-Benz   C-Class   Violet   GMC   Envoy   Blue   Chevrolet   Express 3500   Yellow   Acura   Legend   Blue   Ford   E250   Puce   Nissan   Murano   Turquoise   Kia   Sorento   Crimson   Plymouth   Neon   Red   Acura   Legend   Maroon   Chevrolet   Express 3500   Puce   GMC   Canyon   Red   Acura   Legend   Maroon   Chevrolet   Express 3500   Puce   GMC   Canyon   Red   Ford   Econoline E150   Fuscia   Ford   Econoline E150   Fuscia   Scion   tC   Violet   Suick   Skyhawk   Yellow	Pontiac	Parisienne	· -
GMC			
Subaru   Impreza   Yellow   Mazda   B2500   Puce   BMW   8 Series   Mauv   Honda   S2000   Green   Hyundai   XG350   Green   Toyota   Tacoma Xtra   Red   Mercedes-Benz   300SE   Mauv   Ford   Aspire   Pink   Mercedes-Benz   CLK-Class   Purple   Spyker   C8   Crimson   Bentley   Azure   Mauv   BMW   Z4 M   Goldenrod   Honda   Odyssey   Maroon   Acura   Legend   Indigo   Lexus   SC   Green   Mercedes-Benz   CL-Class   Maroon   Chrysler   PT Cruiser   Mauv   Chevrolet   Express 1500   Blue   Ford   E-Series   Puce   Lincoln   Town Car   Orange   Dodge   Charger   Yellow   Hyundai   Elantra   Maroon   MINI   Clubman   Red   Ram   C/V   Pink   Suzuki   Aerio   Khaki   Chevrolet   Suburban 1500   Red   Chevrolet   Uplander   Fuscia   Mercedes-Benz   C-Class   Violet   GMC   Envoy   Blue   Ford   E250   Puce   Chevrolet   Express 3500   Yellow   Acura   Legend   Blue   Ford   E250   Puce   Chevrolet   Express 3500   Yellow   Acura   Legend   Blue   Ford   E250   Puce   Nissan   Murano   Turquoise   Kia   Sorento   Crimson   Plymouth   Neon   Red   Acura   Legend   Maroon   Chevrolet   Express 3500   Puce   GMC   Canyon   Red   Toyota   4Runner   Fuscia   Hyundai   Sonata   Turquoise   Ford   Econoline E150   Fuscia   Ford   Econoline E150   Fuscia   Scion   tC   Violet   Subuck   Skyhawk   Yellow	•	•	500   Pink
Mazda   B2500   Puce       BMW   8 Series   Mauv       Honda   S2000   Green       Hyundai   XG350   Green       Toyota   Tacoma Xtra   Red       Mercedes-Benz   300SE     Mauv       Ford   Aspire   Pink       Mercedes-Benz   CLK-Class   Purple       Spyker   C8   Crimson       Bentley   Azure   Mauv       BMW   Z4 M   Goldenrod       Honda   Odyssey   Maroon       Acura   Legend   Indigo       Lexus   SC   Green       Mercedes-Benz   CL-Class   Maroon       Chrysler   PT Cruiser   Mauv       Chevrolet   Express 1500   Blue       Ford   E-Series   Puce       Lincoln   Town Car   Orange       Dodge   Charger   Yellow       Hyundai   Elantra   Maroon       MINI   Clubman   Red       Ram   C/V   Pink         Suzuki   Aerio   Khaki       Chevrolet   Suburban 1500   Red       Chevrolet   Uplander   Fuscia       Mercedes-Benz   C-Class   Violet       GMC   Envoy   Blue       Chevrolet   Express 3500   Yellow       Acura   Legend   Blue       Ford   E250   Puce         Nissan   Murano   Turquoise       Kia   Sorento   Crimson       Plymouth   Neon   Red       Acura   Legend   Maroon       Chevrolet   Express 3500   Puce       GMC   Canyon   Red       Acura   Legend   Maroon       Chevrolet   Express 3500   Puce       GMC   Canyon   Red       Toyota   4Runner   Fuscia       Toyota   4Runner   Fuscia       Scion   tC   Violet       Suick   Skyhawk   Yellow		•	·
BMW   8 Series   Mauv   Honda   S2000   Green   Hyundai   XG350   Green   Hyundai   XG350   Green   Hyundai   Aspire   Pink   Mercedes-Benz   300SE   Mauv   Ford   Aspire   Pink   Mercedes-Benz   CLK-Class   Purple   Spyker   C8   Crimson   Bentley   Azure   Mauv   BMW   Z4 M   Goldenrod   Honda   Odyssey   Maroon   Acura   Legend   Indigo   Lexus   SC   Green   Mauv   Chrysler   PT Cruiser   Mauv   Green   Honda   Odyssey   Maroon   Chrysler   PT Cruiser   Mauv   Chevrolet   Express   1500   Blue   Ford   E-Series   Puce   Lincoln   Town Car   Orange   Dodge   Charger   Yellow   Hyundai   Elantra   Maroon   MINI   Clubman   Red   Ram   C/V   Pink   Suzuki   Aerio   Khaki   Chevrolet   Suburban   1500   Red   Chevrolet   Uplander   Fuscia   Mercedes-Benz   C-Class   Violet   GMC   Envoy   Blue   Chevrolet   Express   3500   Yellow   Acura   Legend   Blue   Ford   E250   Puce   Nissan   Murano   Turquoise   Kia   Sorento   Crimson   Plymouth   Neon   Red   Acura   Legend   Maroon   Chevrolet   Express   S500   Puce   GMC   Canyon   Red   Acura   Legend   Maroon   Chevrolet   Express   S500   Puce   GMC   Canyon   Red   Acura   Legend   Maroon   Chevrolet   Express   S500   Puce   GMC   Canyon   Red   Toyota   Afkunner   Fuscia   Hyundai   Sonata   Turquoise   Ford   Econoline E150   Fuscia   Scion   tC   Violet   Suick   Skyhawk   Yellow			
Honda   S2000   Green   Hyundai   XG350   Green   Toyota   Tacoma Xtra   Red   Mercedes-Benz   300SE   Mauv   Ford   Aspire   Pink   Mercedes-Benz   CLK-Class   Purple   Spyker   C8   Crimson   Bentley   Azure   Mauv   BMW   Z4 M   Goldenrod   Honda   Odyssey   Maroon   Acura   Legend   Indigo   Lexus   SC   Green   Mercedes-Benz   CL-Class   Maroon   Chrysler   PT Cruiser   Mauv   Chevrolet   Express 1500   Blue   Ford   E-Series   Puce   Lincoln   Town Car   Orange   Dodge   Charger   Yellow   Hyundai   Elantra   Maroon   MINI   Clubman   Red   Ram   C/V   Pink   Suzuki   Aerio   Khaki   Chevrolet   Suburban 1500   Red   Chevrolet   Express 3500   Yellow   Hyerodes-Benz   C-Class   Violet   GMC   Envoy   Blue   Chevrolet   Express 3500   Yellow   Hordes-Benz   C-Class   Violet   GMC   Envoy   Blue   Chevrolet   Express 3500   Yellow   Hordes-Benz   C-Class   Violet   GMC   Envoy   Blue   Chevrolet   Express 3500   Yellow   Hordes   Express 3500   Yellow   Hordes   Express 3500   Puce   Nissan   Murano   Turquoise   Kia   Sorento   Crimson   Plymouth   Neon   Red   Acura   Legend   Maroon   Chevrolet   Express 3500   Puce   GMC   Canyon   Red   Toyota   4Runner   Fuscia   Hyundai   Sonata   Turquoise   Ford   Econoline E150   Fuscia   Scion   tC   Violet   Buick   Skyhawk   Yellow		1	1
Hyundai   XG350   Green   Toyota   Tacoma Xtra   Red   Mercedes-Benz   300SE   Mauv   Ford   Aspire   Pink   Mercedes-Benz   CLK-Class   Purple   Spyker   C8   Crimson   Bentley   Azure   Mauv   BMW   Z4 M   Goldenrod   Honda   Odyssey   Maroon   Acura   Legend   Indigo   Lexus   SC   Green   Mercedes-Benz   CL-Class   Maroon   Chrysler   PT Cruiser   Mauv   Chevrolet   Express 1500   Blue   Ford   E-Series   Puce   Lincoln   Town Car   Orange   Dodge   Charger   Yellow   Hyundai   Elantra   Maroon   MINI   Clubman   Red   Ram   C/V   Pink   Suzuki   Aerio   Khaki   Chevrolet   Uplander   Fuscia   Mercedes-Benz   C-Class   Violet   GMC   Envoy   Blue   Chevrolet   Express 3500   Yellow   Acura   Legend   Blue   Ford   E250   Puce   Nissan   Murano   Turquoise   Kia   Sorento   Crimson   Plymouth   Neon   Red   Acura   Legend   Maroon   Chevrolet   Express 3500   Puce   GMC   Canyon   Red   Chevrolet   Express 3500   Puce   GMC   Canyon   Red   Toyota   4Runner   Fuscia   Hyundai   Sonata   Turquoise   Ford   Econoline E150   Fuscia   Scion   tC   Violet   Buick   Skyhawk   Yellow		•	.' =.
Toyota   Tacoma Xtra   Red   Mercedes-Benz   300SE   Mauv   Ford   Aspire   Pink   Mercedes-Benz   CLK-Class   Purple   Spyker   C8   Crimson   Bentley   Azure   Mauv   BMW   Z4 M   Goldenrod   Honda   Odyssey   Maroon   Acura   Legend   Indigo   Lexus   SC   Green   Mercedes-Benz   CL-Class   Maroon   Chrysler   PT Cruiser   Mauv   Chevrolet   Express 1500   Blue   Ford   E-Series   Puce   Lincoln   Town Car   Orange   Dodge   Charger   Yellow   Hyundai   Elantra   Maroon   MINI   Clubman   Red   Ram   C/V   Pink   Suzuki   Aerio   Khaki   Chevrolet   Suburban 1500   Red   Chevrolet   Uplander   Fuscia   Mercedes-Benz   C-Class   Violet   GMC   Envoy   Blue   Chevrolet   Express 3500   Yellow   Acura   Legend   Blue   Ford   E250   Puce   Nissan   Murano   Turquoise   Kia   Sorento   Crimson   Plymouth   Neon   Red   Acura   Legend   Maroon   Chevrolet   Express 3500   Puce   GMC   Canyon   Red   Chevrolet   Express 3500   Puce   GMC   Canyon   Red   Acura   Legend   Maroon   Chevrolet   Express 3500   Puce   GMC   Canyon   Red   Acura   Legend   Maroon   Chevrolet   Express 3500   Puce   GMC   Canyon   Red   Acura   Legend   Maroon   Chevrolet   Express 3500   Puce   GMC   Canyon   Red   Toyota   4Runner   Fuscia   Hyundai   Sonata   Turquoise   Ford   Econoline E150   Fuscia   Scion   tC   Violet		'	
Mercedes-Benz   300SE   Mauv   Ford   Aspire   Pink   Mercedes-Benz   CLK-Class   Purple   Spyker   C8   Crimson   Bentley   Azure   Mauv   BMW   Z4 M   Goldenrod   Honda   Odyssey   Maroon   Acura   Legend   Indigo   Lexus   SC   Green   Mercedes-Benz   CL-Class   Maroon   Chrysler   PT Cruiser   Mauv   Chevrolet   Express 1500   Blue   Ford   E-Series   Puce   Lincoln   Town Car   Orange   Dodge   Charger   Yellow   Hyundai   Elantra   Maroon   MINI   Clubman   Red   Ram   C/V   Pink   Suzuki   Aerio   Khaki   Chevrolet   Suburban 1500   Red   Chevrolet   Uplander   Fuscia   Mercedes-Benz   C-Class   Violet   GMC   Envoy   Blue   Chevrolet   Express 3500   Yellow   Acura   Legend   Blue   Ford   E250   Puce   Nissan   Murano   Turquoise   Kia   Sorento   Crimson   Plymouth   Neon   Red   Acura   Legend   Maroon   Chevrolet   Express 3500   Puce   GMC   Canyon   Red   Chevrolet   Express 3500   Puce   GMC   Canyon   Red   Toyota   4Runner   Fuscia   Hyundai   Sonata   Turquoise   Ford   Econoline E150   Fuscia   Scion   tC   Violet   Buick   Skyhawk   Yellow	2		· '
Ford   Aspire   Pink   Mercedes-Benz   CLK-Class   Purple   Spyker   C8   Crimson   Bentley   Azure   Mauv   BMW   Z4 M   Goldenrod   Honda   Odyssey   Maroon   Acura   Legend   Indigo   Lexus   SC   Green   Mercedes-Benz   CL-Class   Maroon   Chrysler   PT Cruiser   Mauv   Chevrolet   Express 1500   Blue   Ford   E-Series   Puce   Lincoln   Town Car   Orange   Dodge   Charger   Yellow   Hyundai   Elantra   Maroon   MINI   Clubman   Red   Ram   C/V   Pink   Suzuki   Aerio   Khaki   Chevrolet   Suburban 1500   Red   Chevrolet   Uplander   Fuscia   Mercedes-Benz   C-Class   Violet   GMC   Envoy   Blue   Chevrolet   Express 3500   Yellow   Acura   Legend   Blue   Ford   E250   Puce   Nissan   Murano   Turquoise   Kia   Sorento   Crimson   Plymouth   Neon   Red   Acura   Legend   Maroon   Chevrolet   Express 3500   Puce   GMC   Canyon   Red   Chevrolet   Express 3500   Puce   GMC   Canyon   Red   Chevrolet   Express 3500   Puce   GMC   Canyon   Red   Toyota   4Runner   Fuscia   Hyundai   Sonata   Turquoise   Ford   Econoline E150   Fuscia   Scion   tC   Violet   Buick   Skyhawk   Yellow	•		
Mercedes-Benz   CLK-Class   Purple   Spyker   C8			·
Spyker   C8			
Bentley   Azure   Mauv   BMW   Z4 M   Goldenrod   Honda   Odyssey   Maroon   Acura   Legend   Indigo   Lexus   SC   Green   Mercedes-Benz   CL-Class   Maroon   Chrysler   PT Cruiser   Mauv   Chevrolet   Express 1500   Blue   Ford   E-Series   Puce   Lincoln   Town Car   Orange   Dodge   Charger   Yellow   Hyundai   Elantra   Maroon   MINI   Clubman   Red   Ram   C/V   Pink   Suzuki   Aerio   Khaki   Chevrolet   Suburban 1500   Red   Chevrolet   Uplander   Fuscia   Mercedes-Benz   C-Class   Violet   GMC   Envoy   Blue   Chevrolet   Express 3500   Yellow   Acura   Legend   Blue   Ford   E250   Puce   Nissan   Murano   Turquoise   Kia   Sorento   Crimson   Plymouth   Neon   Red   Acura   Legend   Maroon   Chevrolet   Express 3500   Puce   GMC   Canyon   Red   Toyota   4Runner   Fuscia   Hyundai   Sonata   Turquoise   Ford   Econoline E150   Fuscia   Scion   tC   Violet   Buick   Skyhawk   Yellow			
BMW   Z4 M   Goldenrod   Honda   Odyssey   Maroon   Acura   Legend   Indigo   Lexus   SC   Green   Mercedes-Benz   CL-Class   Maroon   Chrysler   PT Cruiser   Mauv   Chevrolet   Express 1500   Blue   Ford   E-Series   Puce   Lincoln   Town Car   Orange   Dodge   Charger   Yellow   Hyundai   Elantra   Maroon   MINI   Clubman   Red   Ram   C/V   Pink   Suzuki   Aerio   Khaki   Chevrolet   Suburban 1500   Red   Chevrolet   Uplander   Fuscia   Mercedes-Benz   C-Class   Violet   GMC   Envoy   Blue   Chevrolet   Express 3500   Yellow   Acura   Legend   Blue   Ford   E250   Puce   Nissan   Murano   Turquoise   Kia   Sorento   Crimson   Plymouth   Neon   Red   Acura   Legend   Maroon   Chevrolet   Express 3500   Puce   GMC   Canyon   Red   Toyota   4Runner   Fuscia   Hyundai   Sonata   Turquoise   Ford   Econoline E150   Fuscia   Scion   tC   Violet   Buick   Skyhawk   Yellow	1 0		
Honda   Odyssey   Maroon   Acura   Legend   Indigo   Lexus   SC   Green   Mercedes-Benz   CL-Class   Maroon   Chrysler   PT Cruiser   Mauv   Chevrolet   Express 1500   Blue   Ford   E-Series   Puce   Lincoln   Town Car   Orange   Dodge   Charger   Yellow   Hyundai   Elantra   Maroon   MINI   Clubman   Red   Ram   C/V   Pink   Suzuki   Aerio   Khaki   Chevrolet   Suburban 1500   Red   Chevrolet   Uplander   Fuscia   Mercedes-Benz   C-Class   Violet   GMC   Envoy   Blue   Chevrolet   Express 3500   Yellow   Acura   Legend   Blue   Ford   E250   Puce   Nissan   Murano   Turquoise   Kia   Sorento   Crimson   Plymouth   Neon   Red   Acura   Legend   Maroon   Chevrolet   Express 3500   Puce   GMC   Canyon   Red   Acura   Legend   Maroon   Chevrolet   Express 3500   Puce   GMC   Canyon   Red   Toyota   4Runner   Fuscia   Hyundai   Sonata   Turquoise   Ford   Econoline E150   Fuscia   Scion   tC   Violet   Buick   Skyhawk   Yellow	2		
Acura   Legend   Indigo   Lexus   SC   Green   Mercedes-Benz   CL-Class   Maroon   Chrysler   PT Cruiser   Mauv   Chevrolet   Express 1500   Blue   Ford   E-Series   Puce   Lincoln   Town Car   Orange   Dodge   Charger   Yellow   Hyundai   Elantra   Maroon   MINI   Clubman   Red   Ram   C/V   Pink   Suzuki   Aerio   Khaki   Chevrolet   Suburban 1500   Red   Chevrolet   Uplander   Fuscia   Mercedes-Benz   C-Class   Violet   GMC   Envoy   Blue   Chevrolet   Express 3500   Yellow   Acura   Legend   Blue   Ford   E250   Puce   Nissan   Murano   Turquoise   Kia   Sorento   Crimson   Plymouth   Neon   Red   Acura   Legend   Maroon   Chevrolet   Express 3500   Puce   GMC   Canyon   Red   Acura   Legend   Maroon   Chevrolet   Express 3500   Puce   GMC   Canyon   Red   Toyota   4Runner   Fuscia   Hyundai   Sonata   Turquoise   Ford   Econoline E150   Fuscia   Scion   tC   Violet   Buick   Skyhawk   Yellow		'	·
Lexus   SC   Green   Mercedes-Benz   CL-Class   Maroon   Chrysler   PT Cruiser   Mauv   Chevrolet   Express 1500   Blue   Ford   E-Series   Puce   Lincoln   Town Car   Orange   Dodge   Charger   Yellow   Hyundai   Elantra   Maroon   MINI   Clubman   Red   Ram   C/V   Pink   Suzuki   Aerio   Khaki   Chevrolet   Suburban 1500   Red   Chevrolet   Uplander   Fuscia   Mercedes-Benz   C-Class   Violet   GMC   Envoy   Blue   Chevrolet   Express 3500   Yellow   Acura   Legend   Blue   Ford   E250   Puce   Nissan   Murano   Turquoise   Kia   Sorento   Crimson   Plymouth   Neon   Red   Acura   Legend   Maroon   Chevrolet   Express 3500   Puce   GMC   Canyon   Red   Toyota   4Runner   Fuscia   Hyundai   Sonata   Turquoise   Ford   Econoline E150   Fuscia   Scion   tC   Violet   Buick   Skyhawk   Yellow			·
Mercedes-Benz   CL-Class   Maroon   Chrysler   PT Cruiser   Mauv   Chevrolet   Express 1500   Blue   Ford   E-Series   Puce   Lincoln   Town Car   Orange   Dodge   Charger   Yellow   Hyundai   Elantra   Maroon   MINI   Clubman   Red   Ram   C/V   Pink   Suzuki   Aerio   Khaki   Chevrolet   Suburban 1500   Red   Chevrolet   Uplander   Fuscia   Mercedes-Benz   C-Class   Violet   GMC   Envoy   Blue   Chevrolet   Express 3500   Yellow   Acura   Legend   Blue   Ford   E250   Puce   Nissan   Murano   Turquoise   Kia   Sorento   Crimson   Plymouth   Neon   Red   Acura   Legend   Maroon   Chevrolet   Express 3500   Puce   GMC   Canyon   Red   Toyota   4Runner   Fuscia   Hyundai   Sonata   Turquoise   Ford   Econoline E150   Fuscia   Scion   tC   Violet   Buick   Skyhawk   Yellow		. •	
Chrysler   PT Cruiser   Mauv   Chevrolet   Express 1500   Blue   Ford   E-Series   Puce   Lincoln   Town Car   Orange   Dodge   Charger   Yellow   Hyundai   Elantra   Maroon   MINI   Clubman   Red   Ram   C/V   Pink   Suzuki   Aerio   Khaki   Chevrolet   Suburban 1500   Red   Chevrolet   Uplander   Fuscia   Mercedes-Benz   C-Class   Violet   GMC   Envoy   Blue   Chevrolet   Express 3500   Yellow   Acura   Legend   Blue   Ford   E250   Puce   Nissan   Murano   Turquoise   Kia   Sorento   Crimson   Plymouth   Neon   Red   Acura   Legend   Maroon   Chevrolet   Express 3500   Puce   GMC   Canyon   Red   Toyota   4Runner   Fuscia   Hyundai   Sonata   Turquoise   Ford   Econoline E150   Fuscia   Scion   tC   Violet   Buick   Skyhawk   Yellow			
Chevrolet   Express 1500   Blue   Ford   E-Series   Puce   Lincoln   Town Car   Orange   Dodge   Charger   Yellow   Hyundai   Elantra   Maroon   MINI   Clubman   Red   Ram   C/V   Pink   Suzuki   Aerio   Khaki   Chevrolet   Suburban 1500   Red   Chevrolet   Uplander   Fuscia   Mercedes-Benz   C-Class   Violet   GMC   Envoy   Blue   Chevrolet   Express 3500   Yellow   Acura   Legend   Blue   Ford   E250   Puce   Nissan   Murano   Turquoise   Kia   Sorento   Crimson   Plymouth   Neon   Red   Acura   Legend   Maroon   Chevrolet   Express 3500   Puce   GMC   Canyon   Red   Toyota   4Runner   Fuscia   Hyundai   Sonata   Turquoise   Ford   Econoline E150   Fuscia   Scion   tC   Violet   Buick   Skyhawk   Yellow			
Ford   E-Series   Puce   Lincoln   Town Car   Orange   Dodge   Charger   Yellow   Hyundai   Elantra   Maroon   MINI   Clubman   Red   Ram   C/V   Pink   Suzuki   Aerio   Khaki   Chevrolet   Suburban 1500   Red   Chevrolet   Uplander   Fuscia   Mercedes-Benz   C-Class   Violet   GMC   Envoy   Blue   Chevrolet   Express 3500   Yellow   Acura   Legend   Blue   Ford   E250   Puce   Nissan   Murano   Turquoise   Kia   Sorento   Crimson   Plymouth   Neon   Red   Acura   Legend   Maroon   Chevrolet   Express 3500   Puce   GMC   Canyon   Red   Toyota   4Runner   Fuscia   Hyundai   Sonata   Turquoise   Ford   Econoline E150   Fuscia   Scion   tC   Violet   Buick   Skyhawk   Yellow	•	•	·
Lincoln   Town Car   Orange   Dodge   Charger   Yellow   Hyundai   Elantra   Maroon   MINI   Clubman   Red   Ram   C/V   Pink   Suzuki   Aerio   Khaki   Chevrolet   Suburban 1500   Red   Chevrolet   Uplander   Fuscia   Mercedes-Benz   C-Class   Violet   GMC   Envoy   Blue   Chevrolet   Express 3500   Yellow   Acura   Legend   Blue   Ford   E250   Puce   Nissan   Murano   Turquoise   Kia   Sorento   Crimson   Plymouth   Neon   Red   Acura   Legend   Maroon   Chevrolet   Express 3500   Puce   GMC   Canyon   Red   Toyota   4Runner   Fuscia   Hyundai   Sonata   Turquoise   Ford   Econoline E150   Fuscia   Scion   tC   Violet   Buick   Skyhawk   Yellow		' 1	·
Dodge   Charger   Yellow   Hyundai   Elantra   Maroon   MINI   Clubman   Red   Ram   C/V   Pink   Suzuki   Aerio   Khaki   Chevrolet   Suburban 1500   Red   Chevrolet   Uplander   Fuscia   Mercedes-Benz   C-Class   Violet   GMC   Envoy   Blue   Chevrolet   Express 3500   Yellow   Acura   Legend   Blue   Ford   E250   Puce   Nissan   Murano   Turquoise   Kia   Sorento   Crimson   Plymouth   Neon   Red   Acura   Legend   Maroon   Chevrolet   Express 3500   Puce   GMC   Canyon   Red   Toyota   4Runner   Fuscia   Hyundai   Sonata   Turquoise   Ford   Econoline E150   Fuscia   Scion   tC   Violet   Buick   Skyhawk   Yellow		,	
Hyundai   Elantra   Maroon   MINI   Clubman   Red   Ram   C/V   Pink   Suzuki   Aerio   Khaki   Chevrolet   Suburban 1500   Red   Chevrolet   Uplander   Fuscia   Mercedes-Benz   C-Class   Violet   GMC   Envoy   Blue   Chevrolet   Express 3500   Yellow   Acura   Legend   Blue   Ford   E250   Puce   Nissan   Murano   Turquoise   Kia   Sorento   Crimson   Plymouth   Neon   Red   Acura   Legend   Maroon   Chevrolet   Express 3500   Puce   GMC   Canyon   Red   Toyota   4Runner   Fuscia   Hyundai   Sonata   Turquoise   Ford   Econoline E150   Fuscia   Scion   tC   Violet   Buick   Skyhawk   Yellow		'	, ,
MINI   Clubman   Red   Ram   C/V   Pink   Suzuki   Aerio   Khaki   Chevrolet   Suburban 1500   Red   Chevrolet   Uplander   Fuscia   Mercedes-Benz   C-Class   Violet   GMC   Envoy   Blue   Chevrolet   Express 3500   Yellow   Acura   Legend   Blue   Ford   E250   Puce   Nissan   Murano   Turquoise   Kia   Sorento   Crimson   Plymouth   Neon   Red   Acura   Legend   Maroon   Chevrolet   Express 3500   Puce   GMC   Canyon   Red   Toyota   4Runner   Fuscia   Hyundai   Sonata   Turquoise   Ford   Econoline E150   Fuscia   Scion   tC   Violet   Buick   Skyhawk   Yellow	_	,	! !.
Ram   C/V   Pink   Suzuki   Aerio   Khaki   Chevrolet   Suburban 1500   Red   Chevrolet   Uplander   Fuscia   Mercedes-Benz   C-Class   Violet   GMC   Envoy   Blue   Chevrolet   Express 3500   Yellow   Acura   Legend   Blue   Ford   E250   Puce   Nissan   Murano   Turquoise   Kia   Sorento   Crimson   Plymouth   Neon   Red   Acura   Legend   Maroon   Chevrolet   Express 3500   Puce   GMC   Canyon   Red   Toyota   4Runner   Fuscia   Hyundai   Sonata   Turquoise   Ford   Econoline E150   Fuscia   Scion   tC   Violet   Buick   Skyhawk   Yellow	•		·
Suzuki   Aerio   Khaki   Chevrolet   Suburban 1500   Red   Chevrolet   Uplander   Fuscia   Mercedes-Benz   C-Class   Violet   GMC   Envoy   Blue   Chevrolet   Express 3500   Yellow   Acura   Legend   Blue   Ford   E250   Puce   Nissan   Murano   Turquoise   Kia   Sorento   Crimson   Plymouth   Neon   Red   Acura   Legend   Maroon   Chevrolet   Express 3500   Puce   GMC   Canyon   Red   Toyota   4Runner   Fuscia   Hyundai   Sonata   Turquoise   Ford   Econoline E150   Fuscia   Scion   tC   Violet   Buick   Skyhawk   Yellow			·
Chevrolet   Suburban 1500   Red   Chevrolet   Uplander   Fuscia   Mercedes-Benz   C-Class   Violet   GMC   Envoy   Blue   Chevrolet   Express 3500   Yellow   Acura   Legend   Blue   Ford   E250   Puce   Nissan   Murano   Turquoise   Kia   Sorento   Crimson   Plymouth   Neon   Red   Acura   Legend   Maroon   Chevrolet   Express 3500   Puce   GMC   Canyon   Red   Toyota   4Runner   Fuscia   Hyundai   Sonata   Turquoise   Ford   Econoline E150   Fuscia   Scion   tC   Violet   Buick   Skyhawk   Yellow			•
Chevrolet   Uplander   Fuscia    Mercedes-Benz   C-Class   Violet    GMC   Envoy   Blue    Chevrolet   Express 3500   Yellow    Acura   Legend   Blue    Ford   E250   Puce    Nissan   Murano   Turquoise    Kia   Sorento   Crimson    Plymouth   Neon   Red    Acura   Legend   Maroon    Chevrolet   Express 3500   Puce    GMC   Canyon   Red    Toyota   4Runner   Fuscia    Hyundai   Sonata   Turquoise    Ford   Econoline E150   Fuscia    Scion   tC   Violet    Buick   Skyhawk   Yellow			·
Mercedes-Benz   C-Class   Violet   GMC   Envoy   Blue   Chevrolet   Express 3500   Yellow   Acura   Legend   Blue   Ford   E250   Puce   Nissan   Murano   Turquoise   Kia   Sorento   Crimson   Plymouth   Neon   Red   Acura   Legend   Maroon   Chevrolet   Express 3500   Puce   GMC   Canyon   Red   Toyota   4Runner   Fuscia   Hyundai   Sonata   Turquoise   Ford   Econoline E150   Fuscia   Scion   tC   Violet   Buick   Skyhawk   Yellow			·
GMC   Envoy   Blue   Chevrolet   Express 3500   Yellow   Acura   Legend   Blue   Ford   E250   Puce   Nissan   Murano   Turquoise   Kia   Sorento   Crimson   Plymouth   Neon   Red   Acura   Legend   Maroon   Chevrolet   Express 3500   Puce   GMC   Canyon   Red   Toyota   4Runner   Fuscia   Hyundai   Sonata   Turquoise   Ford   Econoline E150   Fuscia   Scion   tC   Violet   Buick   Skyhawk   Yellow			·
Chevrolet   Express 3500   Yellow   Acura   Legend   Blue   Ford   E250   Puce   Nissan   Murano   Turquoise   Kia   Sorento   Crimson   Plymouth   Neon   Red   Acura   Legend   Maroon   Chevrolet   Express 3500   Puce   GMC   Canyon   Red   Toyota   4Runner   Fuscia   Hyundai   Sonata   Turquoise   Ford   Econoline E150   Fuscia   Scion   tC   Violet   Buick   Skyhawk   Yellow		,	·
Acura   Legend   Blue   Ford   E250   Puce   Nissan   Murano   Turquoise   Kia   Sorento   Crimson   Plymouth   Neon   Red   Acura   Legend   Maroon   Chevrolet   Express 3500   Puce   GMC   Canyon   Red   Toyota   4Runner   Fuscia   Hyundai   Sonata   Turquoise   Ford   Econoline E150   Fuscia   Scion   tC   Violet   Buick   Skyhawk   Yellow			
Ford   E250   Puce   Nissan   Murano   Turquoise   Kia   Sorento   Crimson   Plymouth   Neon   Red   Acura   Legend   Maroon   Chevrolet   Express 3500   Puce   GMC   Canyon   Red   Toyota   4Runner   Fuscia   Hyundai   Sonata   Turquoise   Ford   Econoline E150   Fuscia   Scion   tC   Violet   Buick   Skyhawk   Yellow			
Nissan   Murano   Turquoise   Kia   Sorento   Crimson   Plymouth   Neon   Red   Acura   Legend   Maroon   Chevrolet   Express 3500   Puce   GMC   Canyon   Red   Toyota   4Runner   Fuscia   Hyundai   Sonata   Turquoise   Ford   Econoline E150   Fuscia   Scion   tC   Violet   Buick   Skyhawk   Yellow			
Kia   Sorento   Crimson   Plymouth   Neon   Red   Acura   Legend   Maroon   Chevrolet   Express 3500   Puce   GMC   Canyon   Red   Toyota   4Runner   Fuscia   Hyundai   Sonata   Turquoise   Ford   Econoline E150   Fuscia   Scion   tC   Violet   Buick   Skyhawk   Yellow		1	
Plymouth   Neon   Red   Acura   Legend   Maroon   Chevrolet   Express 3500   Puce   GMC   Canyon   Red   Toyota   4Runner   Fuscia   Hyundai   Sonata   Turquoise   Ford   Econoline E150   Fuscia   Scion   tC   Violet   Buick   Skyhawk   Yellow	Kia	'	· •
Acura   Legend   Maroon   Chevrolet   Express 3500   Puce   GMC   Canyon   Red   Toyota   4Runner   Fuscia   Hyundai   Sonata   Turquoise   Ford   Econoline E150   Fuscia   Scion   tC   Violet   Buick   Skyhawk   Yellow		'	·
Chevrolet   Express 3500   Puce   GMC   Canyon   Red   Toyota   4Runner   Fuscia   Hyundai   Sonata   Turquoise   Ford   Econoline E150   Fuscia   Scion   tC   Violet   Buick   Skyhawk   Yellow	2	•	
GMC   Canyon   Red   Toyota   4Runner   Fuscia   Hyundai   Sonata   Turquoise   Ford   Econoline E150   Fuscia   Scion   tC   Violet   Buick   Skyhawk   Yellow		, •	
Toyota   4Runner   Fuscia   Hyundai   Sonata   Turquoise   Ford   Econoline E150   Fuscia   Scion   tC   Violet   Buick   Skyhawk   Yellow			·
Hyundai   Sonata   Turquoise   Ford   Econoline E150   Fuscia   Scion   tC   Violet   Buick   Skyhawk   Yellow		,	
Ford   Econoline E150   Fuscia   Scion   tC   Violet   Buick   Skyhawk   Yellow	•		
Scion   tC   Violet   Buick   Skyhawk   Yellow	•	•	
Buick   Skyhawk   Yellow		•	·
· · ·			
Cheviolet   G-Series G20   1 dec		•	·
		•	•

```
+----+
93 rows in set (0.00 sec)
/*
# 6. Query using group by and aggregate and having
# Return a count of each vehicle make that is listed in the roster
with more than 10 of those cars
mysql> select make, count(*)
  -> from Auction Automobile a1
  -> group by make
  \rightarrow having count(*) > 10;
  ----+
          | count(*) |
make
Acura
              12 |
              16 |
Audi
BMW
               12 |
 Chevrolet
               44 |
 Dodge
              27 |
 Ford
             40 |
 GMC
              23 |
 Honda
              16
 Hyundai
               16 |
 Lexus
              12 |
 Mercedes-Benz
                  15 |
 Mercury
               11 |
 Mitsubishi |
               18 |
 Nissan
              17 |
 Pontiac
              16
Toyota
              24 |
Volkswagen |
+----+
17 rows in set (0.02 sec)
#7. Query using INTERSECT
# Return names of Owners whose vehicles are on lot #4 and their titles are CLEAN
SELECT vin, owner FROM Auction Automobile WHERE title = 'clean'
select vin, owner from auction_automobile where lot_num = '4';
support)
#8. Query using UNION
# Return unique VINs of vehicles manufactured by Toyota or vehicles with automatic
```

```
transmission
*/
SELECT VIN FROM Auction Automobile WHERE make = 'Toyota'
UNION
select VIN from auction automobile where trans = 'auto';
/*
# 9. Query using sort by (ORDER BY)
# Return names and addresses for all employees whose salary is greater than $90,000
mysql> select name, address
  -> from Employee
  -> where salary > 90000
  -> ORDER by name;
+----+
            address
name
+----+
Alexa Coweuppe | 4 Spohn Center
Alexa Petigrew | 81610 Oriole Way
 Dallas Beden | 02044 Meadow Valley Point
 Dominick Rouch | 7673 Milwaukee Alley
 Dulcy Dreamer | 084 Tony Plaza
 Florrie Lewty | 3408 Transport Point
 Francene Benkhe | 292 Erie Trail
 Garnet Hourahan | 82645 Springview Pass
 Gerrie Kinloch | 4 Emmet Crossing
 Irvin Cheale
             683 Bayside Park
 Jorey Gronowe | 36 Hazelcrest Pass
 Missy Bednell | 39527 Lukken Pass
 Perri Wadly
              | 70536 Express Terrace
 Sampson Gilling | 06 Rusk Center
 Shannen Plascott | 30426 Parkside Drive
 Spenser Rikel | 61 Superior Way
 Tobey Bundey | 03 Truax Point
 Wyatan Merrifield | 38 American Ash Lane
 Yvon Grinnikov | 43158 Riverside Circle
19 rows in set (0.01 sec)
/*
# 10. Query using all
# Return make and model of all vehicles if all titles are clean.
mysql> select make, model
  -> from Auction Automobile
  \rightarrow where title = \overline{all} (select title
```

```
-> from Auction Automobile
  -> where title = 'clean');
make
           model
+-----
            Blazer
 Chevrolet
 Saab
           900
 Ford
           | Econoline E150
 Chrysler
            | Cirrus
 Lamborghini | Gallardo
 Land Rover | Range Rover
Aston Martin | Vantage
 Mercedes-Benz | S-Class
            | Suburban 1500
 GMC
 Dodge
             Stratus
 Subaru
            | Loyale
 Pontiac
           | G8
 Ford
          | E-Series
 Mercedes-Benz | GLK-Class
 Scion
           | tC
           | Pathfinder
 Nissan
 Kia
          Forte
           Rendezvous
 Buick
 Volkswagen | Cabriolet
 Kia
          | Spectra
           | Econoline E250
 Ford
 Oldsmobile | 88
           | Special
 Buick
 Suzuki
           | Grand Vitara
 Porsche
             Boxster
 Toyota
            | Corolla
 Suzuki
            | Aerio
 Lamborghini | Gallardo
 Bentley
           Azure
           Rodeo
 Isuzu
 BMW
            |M|
            | Civic Si
 Honda
 Ford
           | Escort
 Chevrolet
            | Venture
 Chrysler
            300M
 Toyota
           4Runner
 Ford
           | Thunderbird
 Saturn
           Ion
            | 1500 Club Coupe |
 GMC
 Nissan
           | Altima
 Toyota
           RAV4
 Chevrolet
            | Silverado 3500
            | New Yorker
Chrysler
```

```
Ford
           | E-Series
             G-Series 1500
 Chevrolet
 Chevrolet
             | Silverado 2500
 Mitsubishi | Eclipse
             | Mountaineer
 Mercury
 Land Rover | Range Rover Sport |
 Honda
            | CR-V
 Kia
          Sorento
 Toyota
            4Runner
 Infiniti
          | FX
 Dodge
            | Dakota Club
 Hyundai
             Azera
 Pontiac
            | Grand Prix
 Chrysler
            | Cirrus
Chevrolet | G-Series G20
59 rows in set (0.01 sec)
/*
11. not in
Return the Name of all employees who are not Auctioneers.
mysql> select name
  -> from Employee
  -> where ssn not in (select assn
               from Auctioneer);
name
Mirabelle Hourston
 Dulcy Dreamer
 Allianora Oldall
 Lacee Coupar
 Betteanne Mogenot
 Irvin Cheale
 Pierson Witcherley
 Aylmar Fourmy
 Grannie McVrone
 Marilee Livingstone |
 Abagael Dussy
 Tobe Ricketts
 Florrie Lewty
 Addie Champkin
 Susana Raff
 Spenser Rikel
 Wylie Oblein
 Luigi Bissett
```

Mazda

| Mazda2

```
Nariko Gilley
 Alexa Coweuppe
 Phebe Caban
 Delbert Jeromson
 Evie Devers
 Perri Wadly
 Tabby Vlies
 Florette Bromage
 Lilias Shepperd
 Anjanette McCumesky |
 Berthe Gammade
 Devonne Sussans
 Alexa Petigrew
 Torrey Hauxwell
 Walker Crumly
 Sampson Gilling
 Sorcha Lorraine
 Dugald Dalby
 Dallas Beden
 Yvon Grinnikov
 Bethena Siddele
| Wash Perrot
+----+
40 rows in set (0.02 sec)
/*
12. exists
Return the lot number of lots with unnknown owner cars
mysql> select lot number
  -> from Location
  -> where exists (select *
            from Auction Automobile
  ->
            where owner is Null);
  _>
+----+
| lot_number |
+----+
      1 |
      2 |
      3
      4 |
      5 |
5 rows in set (0.03 sec)
/*
13. not exists
Return the vin, make, model, and year of cars with more than 245,000 miles
```

```
*/
```

```
mysql> select vin, make, model, year
  -> from Auction Automobile as aa1
  -> where not exists (select *
              from Auction Automobile as aa2
  ->
  ->
              where aa1.vin = aa2.vin and mileage < 245000);
                   model
                               | year |
           make
| 1FTNX2A50AE285033 | Ford | F150
                                      | 2009 |
 1G6AX5SX3F0949187 | Chevrolet | Camaro
                                          | 1995 |
 WA1WKBFP4BA866635 | GMC
                                | Sierra 2500 | 2005 |
 WAUKF78E86A357765 | Dodge | Intrepid | 2002 |
                                          | 2005 |
 WAURGAFD7DN484404 | Lexus | IS
 WBA3C1C54CA834849 | Chevrolet | Express 3500 | 1998 |
WBAUC9C50DV191803 | Lexus | IS
                                      | 2010 |
7 rows in set (0.00 \text{ sec})
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