/\*Create table about the people and what they do here \*/

CREATE TABLE famous\_people (PersonID integer PRIMARY KEY autoincrement, first\_name text, age integer, home\_state text, marrige\_status text, starting\_movie text, kids integer, hair\_color text, birth\_place text);

INSERT INTO famous\_people (first\_name) VALUES ("Sonny");

INSERT INTO famous\_people (first\_name) VALUES ("Cher");

INSERT INTO famous\_people (first\_name) VALUES ("John");

INSERT INTO famous\_people (first\_name) VALUES ("Jane");

/\*Create table showing the cars the famous\_people drive\*/

CREATE TABLE cars (ID integer PRIMARY KEY autoincrement, person\_id integer, car\_name text);

INSERT INTO cars (person\_id, car\_name) VALUES (1, "Mercedes");

INSERT INTO cars (person\_id, car\_name) VALUES (1, "Honda");

INSERT INTO cars (person\_id, car\_name) VALUES (2, "Toyota");

INSERT INTO cars (person\_id, car\_name) VALUES (2, "BMW");

/\*Create table that pairs people who are friends\*/

CREATE TABLE Friends (ID integer PRIMARY KEY autoincrement, person1\_id integer, person2\_id integer);

INSERT INTO Friends (person1\_id, person2\_id) VALUES (1, 3);

INSERT INTO Friends (person1\_id, person2\_id) VALUES (2, 4);

/\*Showing the name of the famous person and the car they drive\*/

SELECT famous\_people.first\_name, cars.car\_name from famous\_people

JOIN cars

ON famous\_people.PersonID = cars.person\_id;

/\*Pairing the famous people who drive the same car\*/

SELECT a.first\_name, b.first\_name from Friends

JOIN famous\_people a

ON Friends.person1\_id = a.PersonID

JOIN famous\_people b

ON Friends.person2\_id = b.PersonID;

# DATABASE SCHEMA

| [**famous\_people**](javascript:void(0))4 rows |
| --- |
| PersonID (PK)INTEGER |
| first\_nameTEXT |
| ageINTEGER |
| home\_stateTEXT |
| marrige\_statusTEXT |
| starting\_movieTEXT |
| kidsINTEGER |
| hair\_colorTEXT |
| birth\_placeTEXT |

| [**cars**](javascript:void(0))4 rows |
| --- |
| ID (PK)INTEGER |
| person\_idINTEGER |
| car\_nameTEXT |

| [**Friends**](javascript:void(0))2 rows |
| --- |
| ID (PK)INTEGER |
| person1\_idINTEGER |
| person2\_idINTEGER |

# QUERY RESULTS

| **first\_name** | **car\_name** |
| --- | --- |
| Sonny | Mercedes |
| Sonny | Honda |
| Cher | Toyota |
| Cher | BMW |

| **first\_name** | **first\_name** |
| --- | --- |
| Sonny | John |
| Cher | Jane |