

```
vacations=# SELECT name FROM destinations;
Thailand
Minnesota
New Zealand
England
Tristan da Cunha

vacations=#
```

#2

```
vacations=# SELECT name FROM destinations WHERE has_beach = TRUE;
Thailand
New Zealand
Tristan da Cunha

vacations=# |
```

#3

```
vacations=# SELECT name FROM destinations WHERE average_temp > 60;
Thailand
New Zealand

vacations=# |
```

#4

```
vacations=# SELECT name FROM destinations WHERE has_beach = TRUE AND has_mountains = TRUE;
Thailand
New Zealand
Tristan da Cunha

vacations=# |
```

#5

```
vacations=# SELECT name FROM destinations WHERE has_mountains = TRUE AND cost_of_flight < 500;
New Zealand

vacations=# |
```

#6

```
vacations=# INSERT INTO destinations VALUES (DEFAULT, 'Bahamas', 78, 345, TRUE, FALSE);
INSERT 0 1
vacations=# |
```

#7

```
vacations=# SELECT * FROM destinations WHERE name = 'New Zealand';
| New Zealand |          66 |          433 | t | t
vacations=# UPDATE destinations
vacations=# SET cost_of_flight = 1000
vacations=# WHERE name = 'New Zealand';
UPDATE 1
vacations=# SELECT * FROM destinations WHERE name = 'New Zealand';
| New Zealand |          66 |          1000 | t | t
vacations=# |
```

#8

```
vacations=# DELETE FROM destinations WHERE name = 'Minnesota';
DELETE 1
vacations=# SELECT * FROM destinations;
| Thailand |          82 |          765 | t | t
| England |          45 |          290 | f | f
| Tristan da Cunha |          59 |         1304 | t | t
| Bahamas |          78 |          345 | t | f
| New Zealand |          66 |         1000 | t | t
vacations=# |
```

#9

```
vacations=# UPDATE destinations
vacations=# SET name = 'Scotland'
vacations=# WHERE name = 'England';
UPDATE 1
vacations=# SELECT * FROM destinations;
| Thailand |          82 |          765 | t | t
| Tristan da Cunha |          59 |         1304 | t | t
| Bahamas |          78 |          345 | t | f
| New Zealand |          66 |         1000 | t | t
| Scotland |          45 |          290 | f | f
vacations=# |
```

#10

NOTE: created airlines_destinations table to create a joint table because there was no relation between airlines and destinations.

```
CREATE TABLE airlines_destinations (
    id SERIAL,
    airline VARCHAR(255),
```

```
destination VARCHAR(255)
);

exports.seed = function(knex) {
  // Deletes ALL existing entries
  return knex('airlines_destinations').del()
    .then(function () {
      // Inserts seed entries
      return knex('airlines_destinations').insert([
        {
          airline: "Spirit",
          destination: "New Zealand"
        },
        {
          airline: "Spirit",
          destination: "Scotland"
        },
        {
          airline: "Lufthansa",
          destination: "Tristan da Cunha"
        },
        {
          airline: "Lufthansa",
          destination: "Scotland"
        },
        {
          airline: "Lufthansa",
          destination: "Thailand"
        },
        {
          airline: "Delta",
          destination: "Thailand"
        },
        {
          airline: "Delta",
          destination: "Minnesota"
        },
        {
          airline: "Delta",
          destination: "England"
        }
      ])
    })
}
```

```

    },
    {
        airline: "Delta",
        destination: "Scotland"
    },
    {
        airline: "Southwest",
        destination: "New Zealeand"
    },
    {
        airline: "Southwest",
        destination: "Tristan de Cunha"
    },
    {
        airline: "DeSouthwestlta",
        destination: "Minnesota"
    },
    ],
    ]));
});
};

```

```

vacations=# SELECT A.airline, D.name, D.average_temp, D.cost_of_flight, D.has_beach,D.has_mountains FROM airlines_destin
ations AS A INNER JOIN destinations AS D ON A.destination = D.name
vacations=# ;

```

airline	name	average_temp	cost_of_flight	has_beach	has_mountains
Delta	Thailand	82	765	t	t
Lufthansa	Thailand	82	765	t	t
DeSouthwestlta	Minnesota	41	235	f	f
Delta	Minnesota	41	235	f	f
Spirit	New Zealand	66	433	t	t
Delta	England	45	290	f	f
Lufthansa	Tristan da Cunha	59	1304	t	t

```

(7 rows)
vacations=# |

```

#11 All airlines that fly to New Zealand.

```

vacations=# SELECT airline FROM airlines_destinations WHERE destination = 'New Zealand';
airline
-----
Spirit
(1 row)

vacations=# |

```

#12 All airlines that do NOT fly to Scotland

```
vacations=# SELECT airline FROM airlines_destinations WHERE destination = 'Scotland';
airline
-----
Spirit
Lufthansa
Delta
(3 rows)

vacations=# |
```

#13 All of the data for all vacation destinations.

```
vacations=# SELECT A.airline, D.name, D.average_temp, D.cost_of_flight, D.has_beach,D.has_mountains FROM airlines_destin
ations AS A INNER JOIN destinations AS D ON A.destination = D.name;
airline | name | average_temp | cost_of_flight | has_beach | has_mountains
-----+-----+-----+-----+-----+-----
Delta | Thailand | 82 | 765 | t | t
Lufthansa | Thailand | 82 | 765 | t | t
DeSouthwestlta | Minnesota | 41 | 235 | f | f
Delta | Minnesota | 41 | 235 | f | f
Spirit | New Zealand | 66 | 433 | t | t
Delta | England | 45 | 290 | f | f
Lufthansa | Tristan da Cunha | 59 | 1304 | t | t
(7 rows)

vacations=# |
```