Retrieve data from a single table

Exercises

In each of the following queries, use SQL to obtain the desired results using the data shown in Colonial Adventure Tour Database listing. Use a DBMS such as MySQL to complete the exercises.

1. List four columns from the table Trip: TripId, TripName, Type, and Season.
2. List these columns from the table Reservation: TripID, TripDate, TripPrice

3 List the name of each trip that does not start in New Hampshire (NH).

4. List the last name of each guide that lives in Maine (ME).

5. List the name and start location for each trip that has the type Biking.

6. List the trip name of each trip that has the type Paddling.

7. List the name of each trip that has the type Hiking and that has a distance of greater than six miles.

8. List the name of each trip that has the type Paddling or that is located in Vermont (VT).

9. How many trips have a type of Hiking or Biking?

10. List the trip name and state for each trip that occurs during the Summer season. Sort the results by trip name within state.

11. How many trips originate in Vermont (VT)?

12. How many reservations include a trip with a price that is greater than $20 but less than 5.

13. List the trip name of each trip that has the type Biking and that has a distance longer than 20 miles.

14. List the trip name of each trip that is in the state of Vermont (VT) or that has a maximum group size greater than 8.

15. How many trips are in the states of Vermont (VT) or Connecticut (CT)?

16. List these column names and data. ReservationID, NumPersons, TripPrice, OtherFees, column PriceTotal where

PriceTotal is a column that’s calculated by multiplying the item price by the quantity

Only return rows where the NumPersons is greater than 3.

Sort the result set PriceTotal indescending sequence.

17. List one column from the Customers table named FullName that joins the LastName and FirstName columns.

Format this column with the last name, a comma, a space, and the first name like this:

Doe, John

Sort the result set by last name in ascending sequence.

List only the customers whose last name begins with letters from M to Z.