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None

Unix and SQL

1.
sqlite> CREATE TABLE cities (
 ...> city TEXT,
 ...> continent TEXT,
 ...> population INTEGER,
 ...>);

2.
INSERT INTO cities VALUES ('Seattle','North America',3700000);

3.
SELECT * FROM cities WHERE continent LIKE 'A%';
city   continent population
---------- ---------- ----------
Cairo   Africa   15200000
Lagos   Africa   21000000
Kyoto   Asia   1474570
Mumbai   Asia   20400000
Shanghai   Asia   24152700
Taipei   Asia   2705000
Melbourne Australia 3900000

4.
SELECT * FROM cities WHERE population > 1000000 AND population < 5000000;
city   continent population
---------- ---------- ----------
Kyoto   Asia   1474570
Taipei   Asia   2705000
Melbourne Australia 3900000
Rome   Europe   2715000
Rostov-on- Europe   1052000
Boston   North Amer 4630000
Seattle   North Amer 3700000

5.
SELECT * FROM cities WHERE continent LIKE '%America' AND population > 5000000 ORDER BY city ASC;
city   continent   population
---------- ------------- ----------
Atlanta   North America 5268000
New York   North America 21295000
Rio de Jan South America 12280702
San Franci North America 5780000
Santiago   South America 5507282

Client-Side vs Server-Side Processing

1.
Client side is much easier to use, can enter different information into the forms without reopening the entire site.

2.
Get no-internet t-rex when disconnecting server-side version from internet and hitting submit

Program works fine when disconnecting client side version form internet
This mean that using the server-side version of the program requires an internet connection.

Server-Side with SQL Experiments

1.

name	bringing
Patrick	Drinks
Molly	Dog Treats
Tammy	Dessert
Martin	baloons

Webstie Observations
1. Amazon.com
 Client Side:
   The Ads at the top of the homepage scroll fine without any connection
   Hovering over my Account and Lists produces the expected dropdown menu
   Selecting All from the bar opens the main menu of all options
 Server-Side:
   Selecting Returns and Orders

2. Wikipedia.com
 Client Side:
   Search bar highlights when clicking in it
   Cursor blinks when search bar is selected
   Can open drop-down menu to Read Wikipedia in your language
 Server-Side:
   Selecting a language

3. pinkbike.com
 Client-Side:
   Changing the mouse from arrow to hand as hovering over different items
   Highlighting different items of the menu in red as over over them
   Places menu item shows drop down menu when hovering over it
 Server-Side:
   Searching the news module

4. gmail.com
 Client-Side:
   Showing hints for buttons when hovering (ex refresh, not starred)
   Switching between Primary, Social, and Promotions tabs
   Opening email texts
 Server-Side
   Loading email images