NodeOrders500 3 Queries Homework.

Your ASP API app needs to provide 5 “get” methods,

1. Get the sales people for 1 dropdown (select) menu
2. Get the stores for the 2nd dropdown (select) menu
3. A query result for: "which stores are selling CDs for better markups? Show me the order count for each store, for all orders over $13, sorted from high to low based on count.
4. A query result for: "I want to check on the performance of any salesperson." Provide a drop down showing the list of salespeople's last name, when the user selects one, a new query should show the total amount sold for this salesperson for the entire year.
5. A query result for: "I want to see the performance of my stores." Provide a drop down showing the list of stores, using the city names, when the user selects one, a new query should show the total amount sold for that store for the entire year.

See my screen shots, 1 before any buttons are clicked, and the 2nd after I have clicked all 3.

The 3rd query is a clone of the 2nd, it should take you no time at all after you get the 2nd one working.

The 2nd (and 3rd) require using a LINQ (blah).Sum() and it needs to be in a try catch, as its not happy for sums that = 0. So catch that and just plug the return value to 0.

The first query is pretty hard. Start this one early, you may have to spend a fair amount of time searching the web for ideas. I did it by:

* Defining a pretty simple query
* Creating a List of a newClass I defined that has 2 properties, one for the city name and one for the total
* Building a List<newClass> and then using a foreach (over my query) creating one new newClass object for each item and adding it to the List
* Then sorting that List (which means I had to add IComparable to my newClass so that List sort worked.
* Returning my List as Json to the client for display.

Create models for all tables using EF

5 API calls :

1. GetSales(salesPersonId)
2. GetStores(storeId)

App – ASP MVC with API

MVC – index – will have our layout



