# Build a mini weather page

* User should see a form with a drop-down selector
  + Drop-down list should have 5 US cities as options
  + Each city should be in the format of “Boston, MA”, “Sunnyvale, CA”, etc.
* Form should have a “Get Weather” button
* After selecting a city and clicking on the “Get Weather” button, user should see the weather data for that city
  + Display the city the user chose, the weather condition, and the temperature
* To get the weather data, use AJAX to make a GET call to the Yahoo Weather API:  
  [https://query.yahooapis.com/v1/public/yql?q=select%20item.condition %20from%20weather.forecast%20where%20woeid%20in%20(select%20woeid%20from%20geo.places(1)%20where%20text%3D%22**boston%2C%20ma**%22)&format=json&env=store%3A%2F%2Fdatatables.org%2Falltableswithkeys](https://query.yahooapis.com/v1/public/yql?q=select%20item.condition.text%20from%20weather.forecast%20where%20woeid%20in%20(select%20woeid%20from%20geo.places(1)%20where%20text%3D%22boston%2C%20ma%22)&format=json&env=store%3A%2F%2Fdatatables.org%2Falltableswithkeys)
  + Replace the bolded part with the city that was selected  
    Note that the syntax is “*city*%2C%20*state*”
* You will need to parse the data you get back from the call above in order to return useful, readable data to the user
* After getting the weather for a city, the user should be able to select a different city, press the “Get Weather” button, and see weather data for the newly chosen city replace the weather data for the previously chosen city

Bonus:

* Create a new HTML page, add another drop-down with book titles
* In the same JS file that you have used for the weather page, keep track of the mapping between book title and isbn number
* Query the Google Books API with a GET call to:

[https://www.googleapis.com/books/v1/volumes?q=isbn:**0747532699**](https://www.googleapis.com/books/v1/volumes?q=isbn:0747532699)

* + Replace the bolded part with the isbn number of the book that was selected
  + You can find the ISBN number of a book on Google
* Parse the data that you get back and display something meaningful for the user
  + It could be the title, author, publisher. Anything you want to display.
* You should be able to get to your new html page from your weather page and vice versa