

BYHIRAS – FRONTEND CODE TEST

In this test, we're looking for you to build a simple typeahead for finding **countries**.

You can use any framework you feel comfortable with (we use React). You should spend no longer than an hour on this test. You will be asked to extend your code test during the in-person interview, so make sure you're happy with your solution before submitting it.

Your code test should be submitted by emailing us a ZIP file containing your code. Please don't put your solution on Github/Bitbucket as we'd like to avoid any solutions to this code test being made public!

Please note, a JSON file containing the countries used in this code test can be found in the following Gist: <https://gist.github.com/anonymous/636933db09f0dc5ea3984467a557a145>

SPECIFICATION

1. The typeahead should consist of an input box that looks like the one below:

2. After entering a query, a list of matching country results should appear below the input box:

Ba
Bahamas
Bahrain
Bangladesh
Barbados

← Enter "Ba" in input box

← Country results appear below
(using data from the Gist)

3. When hovering over a search result, it should be **highlighted** with a **cursor pointer**:

Bah
Bahamas
Bahrain

4. When the user clicks one of a country result, it should update the query in the input box, and turn the border green. **The country results should no longer be visible below the input box:**

Bah
Bahamas
Bahrain

Click "Bahamas"



1. Query goes from "Bah" → "Bahamas"
2. Border goes green
3. Hide country results