

LAB 6

1. Get on top of a website

The screenshot shows a web page with a title 'Search Form Lab' in blue. Below the title is a 'Province search' section with a text input field containing the placeholder 'Enter name of the province, i.e. Dong Nai'. Below this is a 'Province select' section with two radio buttons: 'Sort by Province Code' (which is checked) and 'Sort by Alphabet'. Below the radio buttons is a dropdown menu with the text 'Select province' and a downward arrow. At the bottom of the search form are two buttons: 'Submit' (blue) and 'Clear' (red). Below the search form is a 'Content' section with four tabs: 'Tab 1' (blue), 'Tab 2' (light blue), 'Tab 3' (light blue), and 'Tab 4' (light blue). To the right of the tabs is a cyan box with an upward arrow. The page has a vertical scrollbar on the right side.

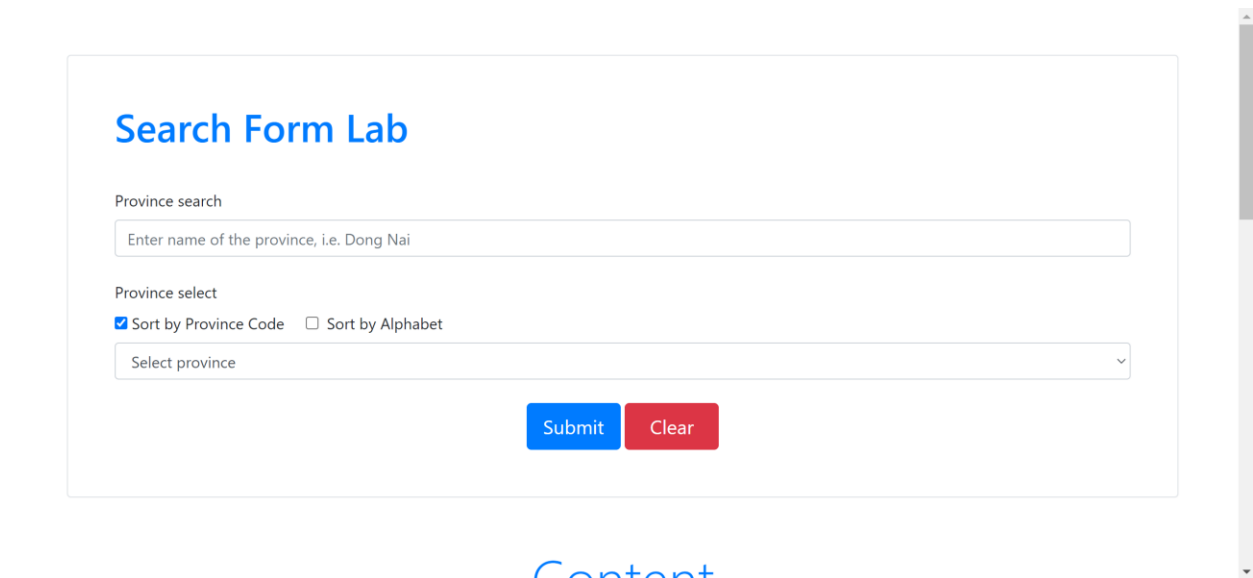
There is a cyan box with an up arrow in the bottom right corner of the web page. Users can click on it to get to the top of the site.

This screenshot is identical to the one above, showing the 'Search Form Lab' page. It includes the 'Province search' form, the 'Province select' section with 'Sort by Province Code' selected, the 'Select province' dropdown, the 'Submit' and 'Clear' buttons, and the 'Content' section with tabs 'Tab 1' through 'Tab 4'. The cyan box with the upward arrow is still present in the bottom right corner. The page has a vertical scrollbar on the right side.

After clicking the arrow button.



At the bottom of the website...

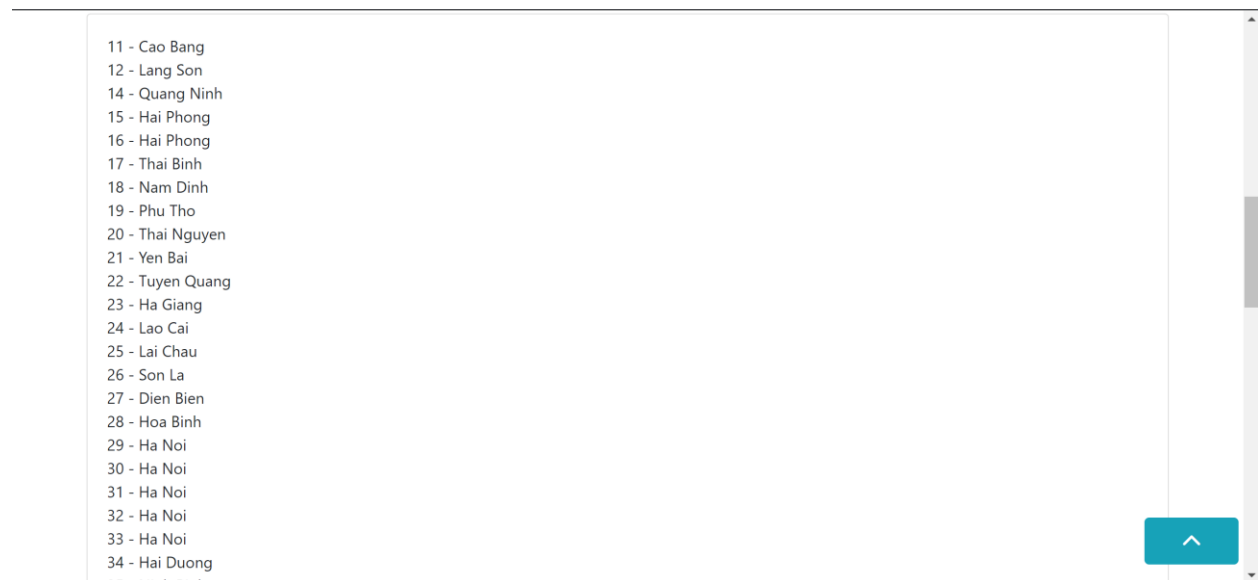


If the user clicks on the arrow above, they will be taken to the top of the web page.

2. Sort a list of items



Let's say we have a list when clicking the "Code" button - the list of provinces in Vietnam is listed in order by province code.



After pressing, we will get a list like this.

Content

Tab 1

Tab 2

Tab 3

Tab 4

A

Lorem ipsum dolor sit amet, pri ea autem suscipit incorrupte, ei duo eros urbanitas. Adhuc primis recusabo an vel. Qui duis recteque an, vim unum illum ea, est ex mucus vocent. Id qui urbanitas quaerendum theophrastus. Solum persecuti nec id, id viderer deleniti vim, no elit sanctus veritus duo. Ei liber facete usu, ius populo euripidis reformidans eu, iusto persecuti efficiendi est ut. Vix incorrupte omittantur dissentiet id. Qui ne liber clita legendos, ius fierent dolores adipisci et, velit explicari molestiae nam ei. Tale errem aperiri has id, pro an malis voluptatum neglegentur.

Code

Name

67 - An Giang
72 - Ba Ria - Vung Tau
97 - Bac Can
98 - Bac Giang
94 - Bac Lieu
99 - Bac Ninh
71 - Ben Tre

^

If we press "Name" button, the list will be filtered again in order of province name.

Content

Tab 1

Tab 2

Tab 3

Tab 4

A

Lorem ipsum dolor sit amet, pri ea autem suscipit incorrupte, ei duo eros urbanitas. Adhuc primis recusabo an vel. Qui duis recteque an, vim unum illum ea, est ex mucus vocent. Id qui urbanitas quaerendum theophrastus. Solum persecuti nec id, id viderer deleniti vim, no elit sanctus veritus duo. Ei liber facete usu, ius populo euripidis reformidans eu, iusto persecuti efficiendi est ut. Vix incorrupte omittantur dissentiet id. Qui ne liber clita legendos, ius fierent dolores adipisci et, velit explicari molestiae nam ei. Tale errem aperiri has id, pro an malis voluptatum neglegentur.

Code

Name

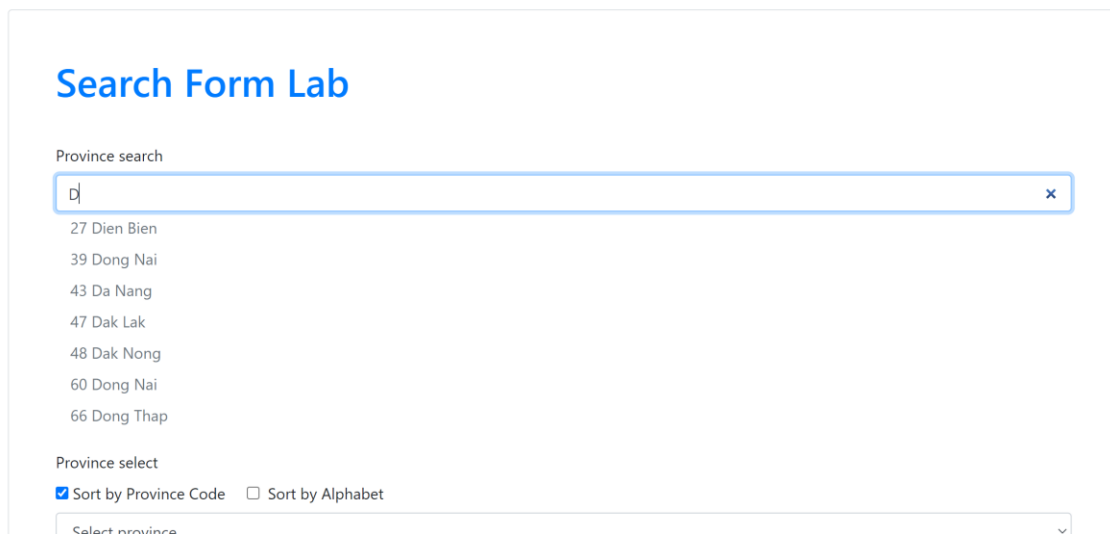
11 - Cao Bang
12 - Lang Son
14 - Quang Ninh
15 - Hai Phong
16 - Hai Phong
17 - Thai Binh
18 - Nam Dinh

^

And vice versa if click "Code" again.

3. Apply AJAX to search box

Suppose we want to search for cities that start with the letter "D".



Search Form Lab

Province search

D

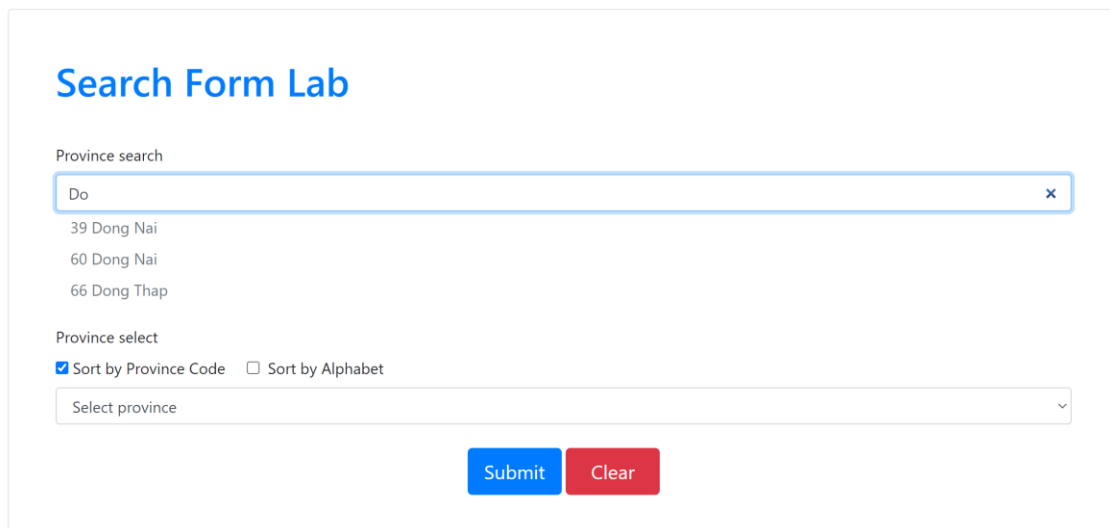
- 27 Dien Bien
- 39 Dong Nai
- 43 Da Nang
- 47 Dak Lak
- 48 Dak Nong
- 60 Dong Nai
- 66 Dong Thap

Province select

☒ Sort by Province Code ☐ Sort by Alphabet

Select province

This is what we will see in the search bar when AJAX is applied. And if we continue with the "O"...



Search Form Lab

Province search

Do

- 39 Dong Nai
- 60 Dong Nai
- 66 Dong Thap

Province select

☒ Sort by Province Code ☐ Sort by Alphabet

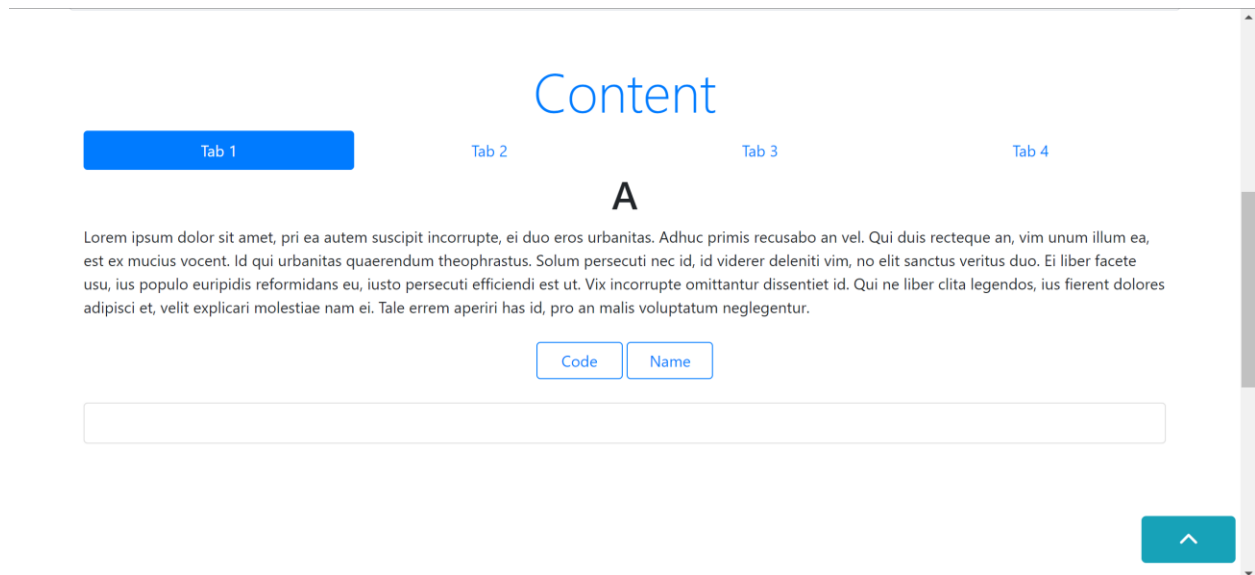
Select province

Submit Clear

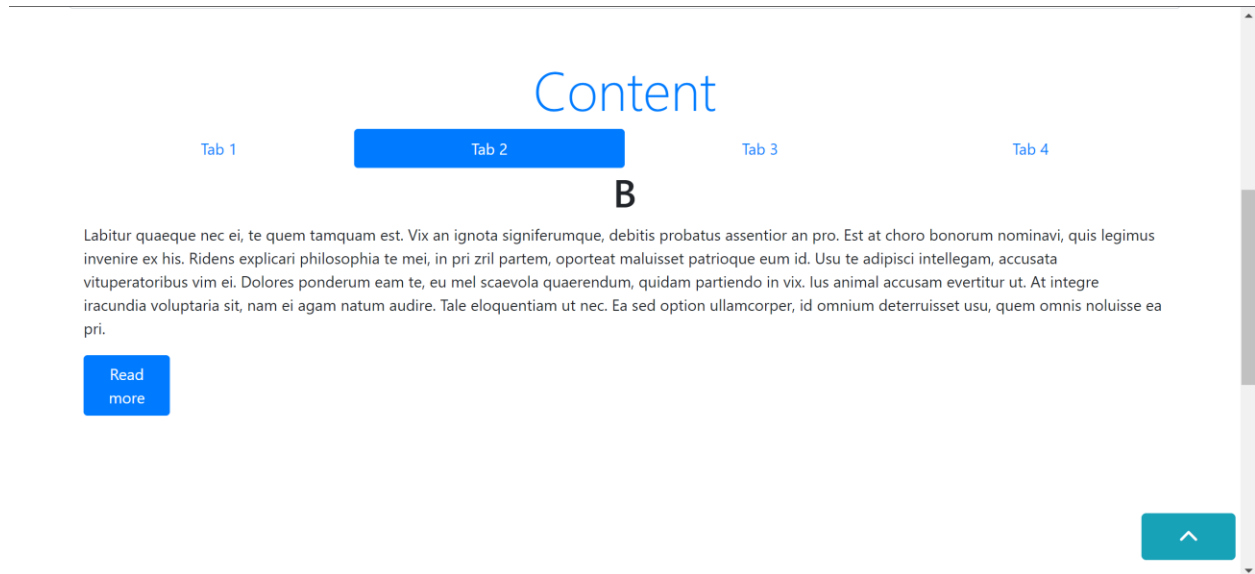
We will have 2 provinces Dong Nai and Dong Thap that match the keyword "Do".

4. Create different TABs in 1 webpage

Suppose our website has 4 tabs (Tab 1 is active in default) as follows:



We can switch back and forth between tabs 1 - 2 - 3 - 4 without the web page having to reload (refresh).



Tab 2

Content

Tab 1

Tab 2

Tab 3

Tab 4

C

Phasellus vitae hendrerit libero. Nam porttitor, diam eget tincidunt tincidunt, nunc purus facilis tellus, vel aliquam nisl justo et nisi. Nunc massa ex, sodales sed molestie quis, pharetra vitae arcu. Praesent vitae gravida dolor, id dapibus arcu. Aliquam viverra lorem in consectetur tincidunt. Vestibulum posuere iaculis consequat. Vestibulum condimentum cursus ipsum non lacinia. Suspendisse potenti. Praesent id neque tincidunt, sagittis est consectetur, varius est. Morbi bibendum sollicitudin feugiat. Nunc placerat mattis sem, sit amet interdum nulla semper vel. Nunc scelerisque, augue quis faucibus iaculis, ligula nibh dictum odio, nec volutpat lacus felis in purus. Integer facilis mattis gravida. In gravida blandit tellus, laoreet porta ante eleifend non. Phasellus pharetra ante id lectus malesuada, vitae feugiat magna consequat.

^

Tab 3

Content

Tab 1

Tab 2

Tab 3

Tab 4

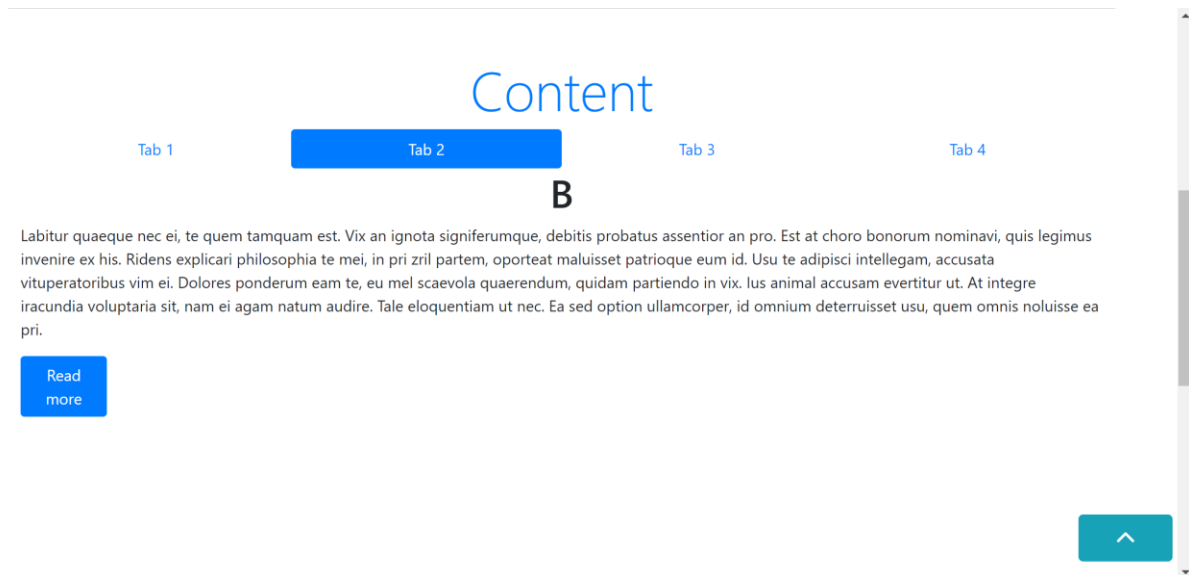
D

Aliquam porta bibendum ex, ac rutrum ipsum placerat sed. Cras pretium libero massa. Integer nec ligula aliquam velit rutrum iaculis tempor in ligula. Aenean id libero ultrices, molestie lectus dapibus, cursus ex. Ut rhoncus ipsum id ipsum finibus congue. Quisque tempus velit eu erat accumsan accumsan. Integer rutrum, massa sed tempor convallis, purus ex euismod erat, a placerat sem ligula non mauris. Vestibulum est tellus, tincidunt vel placerat non, dignissim non urna. Praesent a sagittis mauris. Integer velit mi, consequat pellentesque dapibus in, lacinia ac lectus. Integer sed consectetur neque.

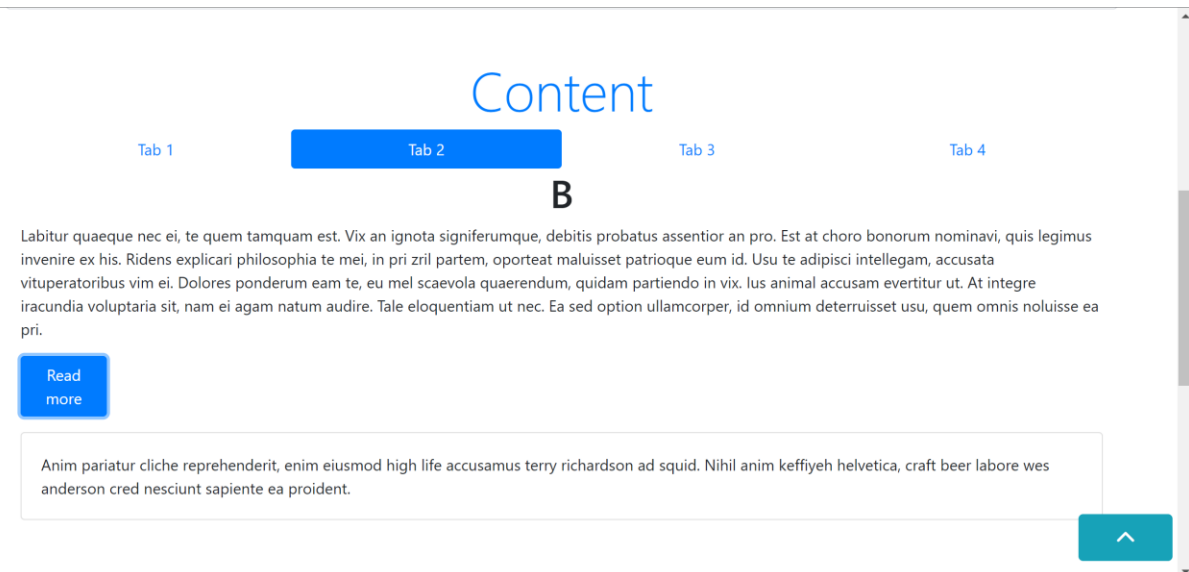
^

Tab 4

5. Expand content



We have a hidden text. And to read it the user has to press the "Read more" button.



This is the result after pressing the "Read more" button.