

Frontend Test

Maximum amount of time allowed: 2 hours

Task: Construct a page that contains a header and main body content. The header contains a navigation with a dropdown and a search box. The main body content contains media in a grid layout, a section of tabbed content, and 2 columns of text.

Restrictions

- Do not use any boilerplate HTML
- Do not use any boilerplate CSS or CSS frameworks (eg. Bootstrap)
 - Exception: a reset CSS is allowed, with proper attribution
- jQuery is allowed (do not use any other frameworks for JavaScript however)

Requirements

General

- Use placeholder images of specific sizes when required
- The page should degrade gracefully/work well without JS and/or CSS (“progressive enhancement”)
- All files should validate from the W3C (HTML, CSS)
- Compatible with IE7+, Firefox, Chrome, Safari, Opera
 - Extra points if also compatible with IE6

Header

- The navigation (“Section 1”, “Section 2”) should have a dropdown menu
 - If possible, entirely in CSS
- Bonus: Search box autocomplete (from a predefined array of strings in JavaScript)

“Media” Grid

- The grid and its items should contain at least the following;
 - Image
 - Text and image
 - Embedded video (Youtube)
 - Text with a small Header
- The first and last columns of the grid should be flush with the left and right sides of the content (no margins)
- The grid should work when it only has 1 item as well as with 99 items (content should simply flow to fill space)

Tabbed Content

- Tab 1 must contain an image carousel (JavaScript) with a next and previous button
- Tabs 2, 3, and 4 can contain any content
 - This is a chance to show off any interesting HTML/CSS but it must be inside the tab

2 columns of text

- Text should flow into 2 columns automatically (ie. don’t manually create 2 separate divs that contain the content – think CSS or JS)

Bonus: Sticky Footer (not in wireframe)

- Create a footer at the bottom of the page that sticks to the bottom even when there is no content on the page

