## Introduction

Thank you for your interest in Ciber! We have prepared the following activity to help us gauge your current skill level with the technologies required by the position for which you have applied.

This project assumes that you have intermediate knowledge of HTML and CSS, and basic knowledge of Javascript – if you do not possess an understanding of these languages or find yourself unable to finish the project please contact your recruiter.

## Requirements

You will need the following in order to complete this project:

* A text editor (*Note: We discourage the use of Adobe Dreamweaver or similar programs*.)
* Adobe Acrobat Reader
* Adobe Photoshop (*Note: GIMP may be used if Photoshop is unavailable, but does not render the output 100% accurately. If you have to use GIMP please place an explanatory comment in your HTML file.*)

## Instructions

In the zip file provided you will find a Photoshop file (PSD) named “front-end-development-activity-2013.psd”, and a corresponding PDF that shows what the page should look like once it has been finished. You are to use your understanding of HTML and CSS to turn the contents of the PSD into a complete web page.

You are largely free to complete this page as you see fit, however please be aware of the following:

* Our customers expect compatibility with the following browsers:
  + Internet Explorer (IE) 8 & 9
  + Mozilla Firefox (latest version)
  + Google Chrome (latest version)
  + Safari (latest version)
* We anticipate that you will use accessible HTML5 – “accessible” meaning that features that are not commonly supported are not used.
* Javascript and CSS should be contained in external files and not placed inline.
* As much of the text on the page as possible should be actual HTML text – do not rely on images unless it is reasonable to do so. (*Note: The dosage diagram is an acceptable use of an image.*)

Once your page has been built, you will need to write a Javascript that finds all anchors (links), and attaches a function to each element’s click event. This function should display an HTML (inline/CSS) popup (*Note: not an alert() box!*) above a semi-transparent mask, and simply show the text of the anchor element (if any). You will also need to write the raw DOM element being clicked to the browser’s console output. (*Note: Because “console” is not a standard, we expect this to function in Firefox (with Firebug) and Chrome only – IE with applicable plugins.*) Additionally, please include some means of closing the popup once opened. There are no stylistic requirements for this part of the exercise outside of the specific functionality indicated above.

Some general considerations:

* Do not include the browser frame in your HTML page – this is included by the design team for presentation only.
* All anchors may use href=”#”
* Social media icons need not point to legitimate destinations. Just the image as an anchor is acceptable.
* The main logo and the Bayer cross -  - should be anchors.
* For brevity, the only portion of the page that needs to be flexible (accommodate content of variable length) is the main content box – the header and left-side navigation can use fixed sizing to speed up your development.
* The main background is not fixed to the window and will scroll with the document.
* You may use jQuery or a similar foundation library.
* If you have any questions that have not been answered here, please make an assumption and place an explanatory note in the comments of the HTML page.

Once you have completed the project, please add a comment header to each text file that includes your name, email address and date. If you have any general comments concerning the project please include them in the header of the HTML page. Finally, please indicate in the HTML page’s comment header roughly how long this project took you to complete – we use this number to help us determine if the activities presented are suitable for recruitment purposes, and are not unduly burdensome.

Please zip all files, and name the archive in the following format: lastname-firstname-html-activity.zip. Change the file extension to “.txt” so your attachment does not get caught by our spam filter, and email it to Dave Szwak ([dszwak@ciber.com](mailto:dszwak@ciber.com)) and Jacob Anderson ([janderson@ciber.com](mailto:janderson@ciber.com)).