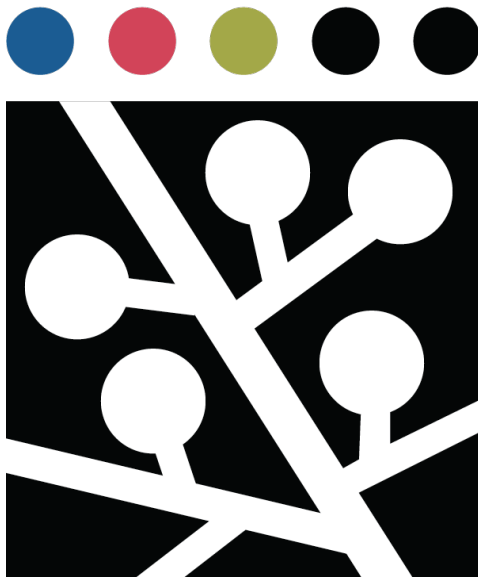# JS CHALLENGE

LOGO CHALLENGE

The InspiringApps logo has lost its dots. We would like you to build a web-based tool to help us restore them. If you are up for bonus points, we would like two tools. You received 5 images you will need to complete this challenge.

CHALLENGE SPECS

The logo should begin in this state:

- There should be a Reset button to return the logo to its starting state at any time.

- A user should be able to drag a dot from its starting position to the appropriate location in the logo.

- Dots dropped in the wrong location should be rejected.

- Two dots cannot occupy the same space.

- The finished logo should include the dots in the appropriate location within the logo.

- When the logo is properly assembled, congratulate the user.

- The tool should function in a desktop browser.

- Implement the tool first by using a separate DOM element for each image.

- For bonus points, but not required, on the same HTML page, build an HTML5 canvas implementation of the same tool. There should be a single canvas that handles all of the user interaction. You won't use a separate canvas for each separate image.

GUIDELINES

You are free to use frameworks that will help you accomplish the tasks, but remember that this challenge is an opportunity to showcase your skills. If a framework handles all of the challenging bits for you, we won't have as much insight into those skills.

We would like to learn about your thought process and problem-solving approach. Please maintain a log as you progress though the project, documenting your approach. Start with your plan. Then, along the way, document the things that worked, those that didn't, unexpected challenges, and the way in which you overcame them. If there are resources, including sites and books, that you find especially helpful in completing the challenge, please let us know.

Please create a local git repository and commit your work frequently throughout the process so we can see how you progressed.

If you have questions, please ask. It is an important part of what we do. You can reach someone at 303.635.6244 or send an email message to jobs@InspiringApps.com.

ASSUMPTIONS

We will test using the latest version of either Safari or Chrome. If you have a preference, let us know. You do not need to worry about cross-browser compatibility.

GOOD LUCK!