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HW5 Tutorial Proposal

For homework 5, I am proposing to implement a modal lightbox style slideshow (https://www.w3schools.com/howto/howto_js_lightbox.asp). On first render, a selection of images will be displayed in a row. Upon clicking one of these images, the modal will open. The clicked image will display prominently in the style of the above link, with the modal overlaying the entire page. Along the bottom of the screen will be large thumbnails of the other images in the selection which, on hover, will be overlaid with more information about that image, using this CSS image overlay style (https://www.w3schools.com/howto/howto_css_image_overlay.asp). When an image is clicked, or scrolled to in the slideshow, the information previously displayed by the hover will be displayed between the selected image and the thumbnails below.

In production, this slideshow will be made via a function called makeLightbox, taking as parameters a list of objects, the parameter of those objects which contains an image link, a list of object parameters which contain the data to be displayed on hover, and a target container into which the lightbox will be injected.