

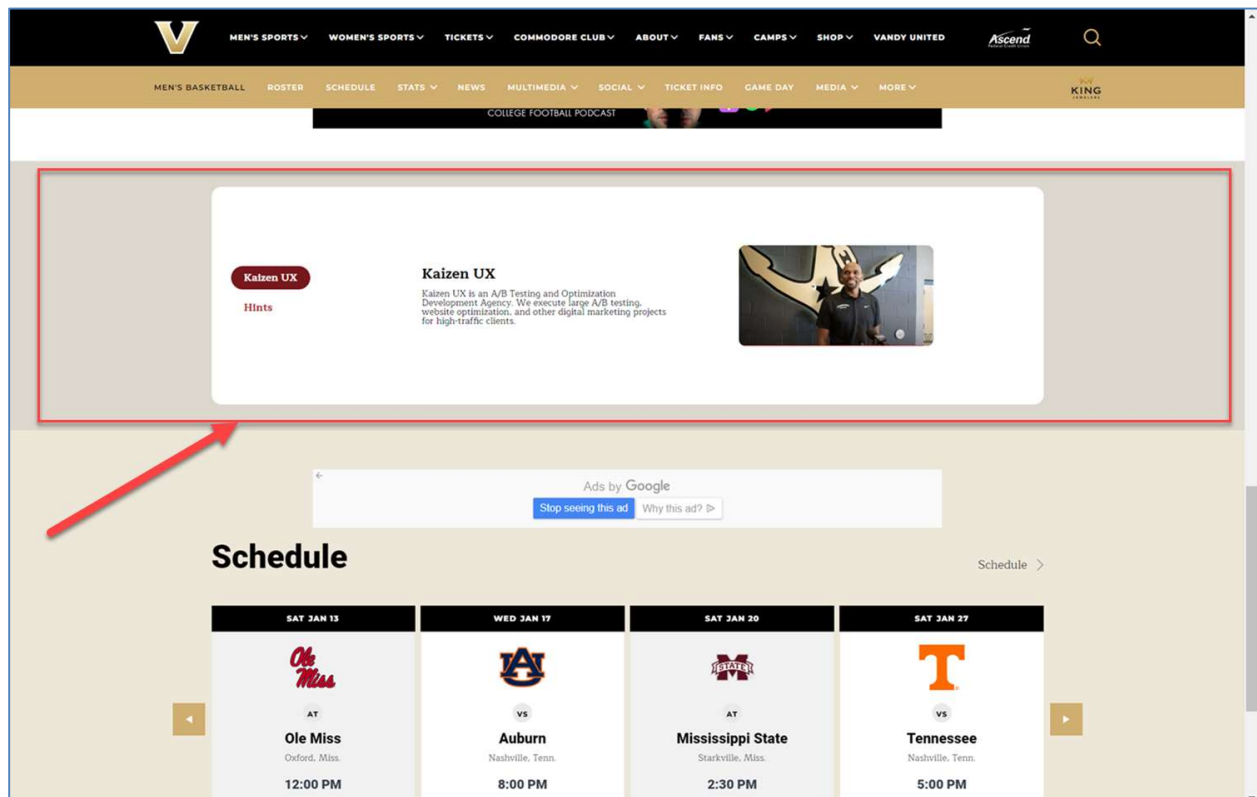


Front-End Coding Challenge

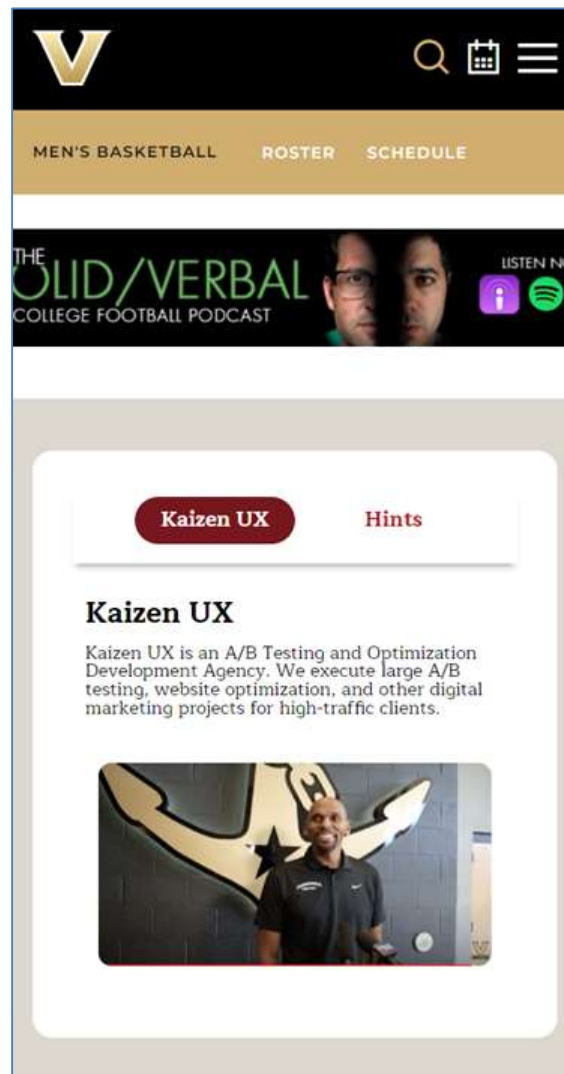
URL: <https://vucommodores.com/sports/mbball/>

Task: Submit one .js file and one .css file that creates a new desktop and mobile section for this page as shown in the screenshots below.

Desktop



Mobile



Insert your new section just above the upcoming game schedule carousel widget. Create two clickable tabs on the left that toggles the right section between two different panels.

- Right Panel #1:
 - **Title:** Kaizen UX
 - **Body Text:** Kaizen UX is an A/B Testing and Optimization Development Agency. We execute large A/B testing, website optimization, and other digital marketing projects for high-traffic clients.
 - **Image:** <https://vucommodores.com/wp-content/uploads/2024/01/Screenshot-2024-01-11-at-3.03.33-PM-1024x530.png>
- Right Panel #2:
 - **Title:** Hints

- **Body Text:** In this coding challenge, you may not submit an HTML file, so you'll want to set up your HTML in a string and use a function of Element called `insertAdjacentHTML()`. Learn more here.
 - “Learn more here” links to <https://developer.mozilla.org/en-US/docs/Web/API/Element/insertAdjacentHTML>
- **Image:** <https://vucommodores.com/wp-content/uploads/2024/01/DSC05578-1-1024x683.jpg>

Additional Requirements

- Your solution should have one set of HTML that is responsive using common media query breakpoints when collapsed down to a mobile size. The smallest screen width you need to accommodate is 375px (don't worry about 320px).
- No HTML file may be submitted.
- Don't worry about the exact hex codes for colors. You may use whatever colors/fonts you want.
- While jQuery is available on this page, unfortunately you may not use it. In a real client situation, sometimes jQuery is not available, and you'll need to code in pure JavaScript with no supplemental libraries.
- Do not use features of ES6/ES2015 (arrow functions, const/let declarations, etc.).
- Support modern browsers only. You do not need to support IE11.

Helpful Information

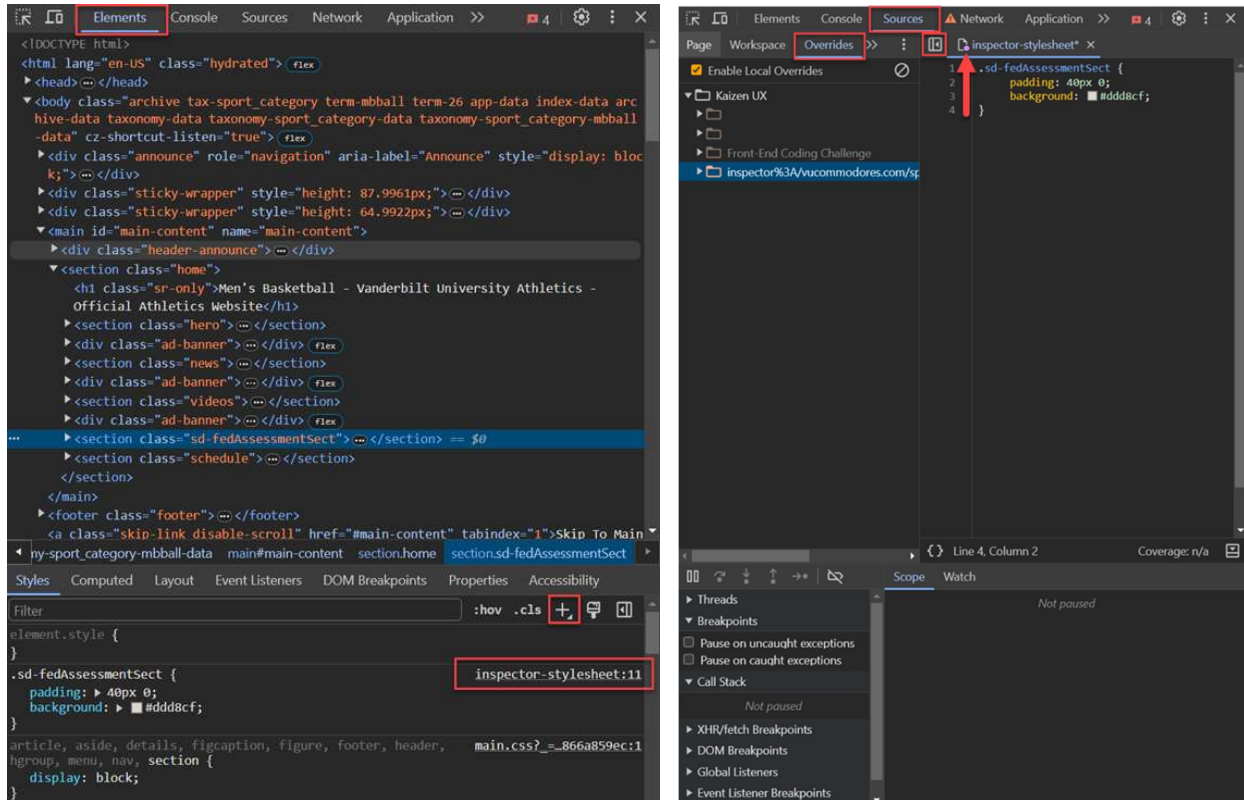
- Because you can't use an HTML file, set up your HTML like this:

```
var newSectionHTML = '' +
  '<div class="foo">' +
    '<span>Exmaple</span>' +
  '</div>' +
  '';
```

- It is easiest to develop content on a public website directly in Chrome developer tools. To interact live with your CSS as you develop, use the Sources tab to create a new inspector-stylesheet, and add an Override so you don't lose your work.
 - To create a new inspector stylesheet, go to the Elements tab -> New Style Rule (+) -> Click the link to the inspector stylesheet that appeared for your new rule.
 - To add an override, go to the Sources tab -> Show navigator (sidebar) (if necessary) -> Overrides tab -> Select folder for overrides -> Select a folder from your local machine. After you allow Chrome's access, a purple dot should appear next to your inspector stylesheet. This means that if you accidentally navigate away from the page, refresh the

page, or close the browser, your CSS will be saved on your local machine and still present when you return to the page.

- Within dev tools, use the console tab to execute your JavaScript. To clear the page and re-execute from a clean page, simply refresh the page and execute your JavaScript in the console again.

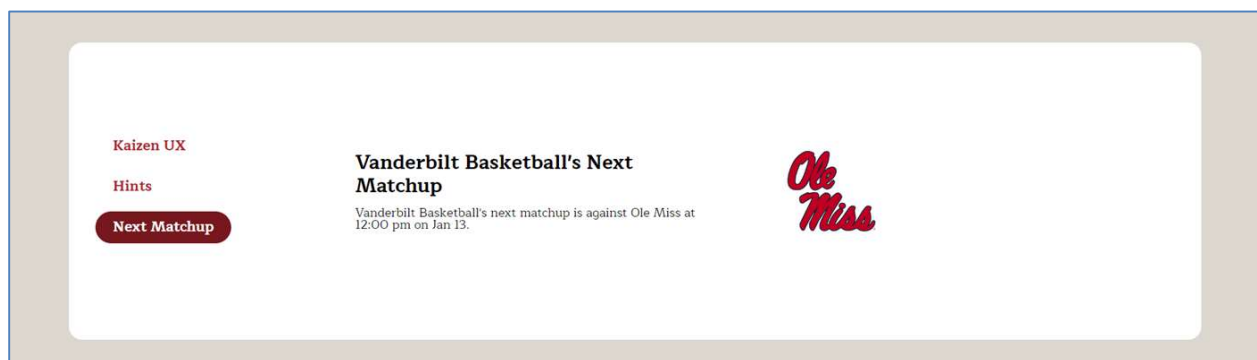


Bonus

Please note, the bonus is very difficult, so please DO NOT FEEL OBLIGATED to complete it fully or at all. This assessment is used for various levels. For this Front-End position, this portion is considered optional.

Level 1 Task: Add a third panel to your widget that displays the date, time, opponent name, and opponent logo of a random opponent on Vanderbilt's basketball schedule. Each page refresh and re-execution of your code should show a different opponent (or the same one, if chosen by chance).

Level 2 Task: Add a third panel to your widget that displays the date, time, opponent name, and opponent logo of Vanderbilt's next basketball game. Programmatically use the schedule widget just below your widget to determine which opponent is next on the schedule from today's date.



- **Title:** Vanderbilt Basketball's Next Matchup
- **Text:** Vanderbilt Basketball's next matchup is against <OPPONENT NAME> at <GAME TIME> on <GAME DATE (MMM DD)>.

Helpful Information

- You may use jQuery for this portion.
- Here's an example of how to create a new date from a string using JavaScript's Date constructor (you need only worry about this executing properly in Chrome):

```
new Date('Jan 13 2024 12:00 pm');
```