

Custom Checkbox Challenge

Summary

A custom-styled and accessible checkbox.

Task

Using plain HTML, CSS, and JS (no third-party libraries and frameworks), create a styled checkbox that preserves the accessibility of a native checkbox (keyboard toggle). Use as little JS as possible/reasonable.

Expected Behavior

[Video 1](#)

Referring to video 1, the first checkbox is a native input element, the one below, a styled element..

[Video 2](#)

In video 2, the checkbox is the custom-styled element and is focused by pressing tab and selected by pressing space.

Acceptance Criteria

- The custom checkbox is styled similar to what you see in the video (find a checkmark SVG in [Assets](#) below).
- Clicking the native checkbox, the custom checkbox is displayed and checked as well.
- Clicking the custom checkbox, the native checkbox is checked as well.
- Using the keyboard (tab), when the native checkbox is focused, a blue line appears around the custom checkbox.
- Using the keyboard (tab), when the native checkbox has focus and the user presses space, the native checkbox is selected as well as the custom checkbox.
- When hiding the native checkbox, the native accessibility (keyboard navigation: tab, space) is preserved for the custom checkbox.

Note: For your technical interview, please ensure that you only have the custom checkbox visible with the expected functionality.



Further Instructions

You can use an IDE of your choice and send the source code, preferably as a Github Repository, to tech-interview@heyflow.app. You can also create a new [CodeSandbox](#) and share it with the same email address.

Assets

Checkmark SVG

```
<svg xmlns="http://www.w3.org/2000/svg" viewBox="0 0 256 256">
  <rect width="256" height="256" fill="none"></rect>
  <polyline
    points="216 72.005 104 184 48 128.005"
    fill="none"
    stroke="currentColor"
    stroke-linecap="round"
    stroke-linejoin="round"
    stroke-width="16">
  </polyline>
</svg>
```