COMP6080: Web Front-End Programming

Tutorial 9

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UNSW

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Feedback

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    9 hours ago
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- Timestamp only shows the date, not time.

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- Clickable items should have affordances like `cursor: pointer` on the `:hover` pseudo-class. This should be done by using the appropriate HTML elements (e.g. `<button>` or `<a>`)!
- No feedback upon successful actions (e.g. editing profile, deleting post).

Exercise: Hamburger Menu Icon

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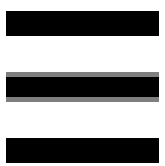
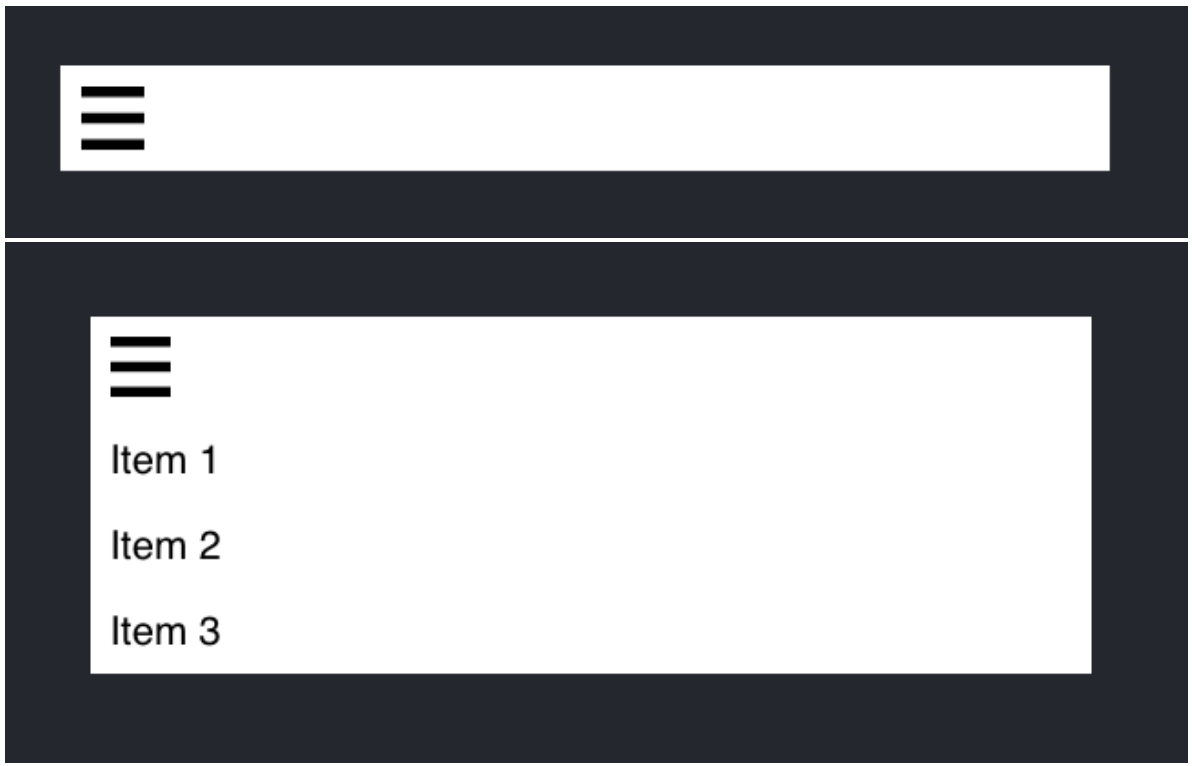
> *Create an SVG element in `exercise/src/svg.html` for a hamburger menu icon that looks identical to this. The viewbox you should use is `0 0 100 100`, and the SVG should have dimensions 50 x 50 pixels.*



Exercise: A Simple Menu Bar

For this exercise, we will be building a menu bar. It consists of a hamburger icon that, when clicked, opens a menu with a list of links. Build the `MenuButton` and `MenuItem` components with accompanying component tests.



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You may use your SVG from before or `images/hamburger.png`.

`MenuItem`

This component will take two inputs:

- `title` string value which is the text to be displayed in the menu item
- `onClick` event handler which is triggered when the button is clicked, with `title` as an input parameter

Note: the `onClick` event handlers of `MenuButton` and `MenuItem` are **not** the same.

Finally, the `Menu` Component

Now, use the previously constructed `MenuButton` and `MenuItem` components to construct the full menu. This component only takes one input:

- `items` list of string values which correspond to the menu items

The menu should be closed by default.

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- `MenuButton`
  - triggers `onClick` event handler when clicked
  - `aria-label` attribute is defined
  - sets `aria-expanded` to false when closed
  - sets `aria-expanded` to true when open
- `MenuItem`
  - triggers `onClick` event handler with title when clicked
  - renders with custom title
- `Menu`
  - is closed by default
  - creates a `MenuItem` for every provided item

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  - index.js
  - index.css
  - components/
    - Button/
      - index.js
      - index.test.js
      - styles.module.css
    - ...
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Notice that you can import `Button` like
`import Button from '../path/to/components/Button'`.