

<b>Started on</b>	Thursday, 20 March 2025, 12:02 PM
<b>State</b>	Finished
<b>Completed on</b>	Thursday, 20 March 2025, 12:06 PM
<b>Time taken</b>	4 mins 17 secs
<b>Marks</b>	5.00/5.00
<b>Grade</b>	<b>100.00</b> out of 100.00

**Question 1**

Complete

Mark 1.00 out of 1.00

What happens when the `.active` class is added to the `.nav-links` element using JavaScript?

```
.nav-links.active {  
    display: flex;  
}
```

- ☐ a. The navigation menu changes color to white.
- ☐ b. The navigation menu aligns all items to the right.
- ☐ c. The navigation menu is hidden.
- ☒ d. The navigation menu becomes visible in a flexbox layout.

**Question 2**

Complete

Mark 1.00 out of 1.00

What is the primary purpose of using the `display: flex;` property inside the `.navbar` class?

```
.navbar {  
    display: flex;  
    justify-content: space-between;  
    align-items: center;  
}
```

- ☐ a. It changes the font size of the navigation links dynamically.
- ☒ b. It ensures that the logo and navigation links are arranged in a row layout and spaced properly.
- ☐ c. It centers the navigation links on the page.
- ☐ d. It hides the navigation links on smaller screens.

**Question 3**

Complete

Mark 1.00 out of 1.00

What is the purpose of the following JavaScript code in the navbar implementation?

```
function toggleMenu() {  
    document.querySelector('.nav-links').classList.toggle('active');  
}
```

- ☐ a. It changes the font color of the menu links.
- ☐ b. It changes the background color of the navbar dynamically.
- ☐ c. It removes all navigation links when the user clicks the hamburger menu.
- ☒ d. It toggles the visibility of the navigation menu when the hamburger icon is clicked.

**Question 4**

Complete

Mark 1.00 out of 1.00

Which of the following CSS rules ensures that the navigation menu is hidden on smaller screens initially?

```
@media screen and (max-width: 768px) {
```

```
    .nav-links {  
        display: none;  
    }  
}
```

- ☐ a. The `.nav-links` class will never be hidden on any screen size.
- ☐ b. The `.nav-links` class hides only on screens larger than 768px.
- ☐ c. The `.nav-links` class will always be hidden on all screen sizes.
- ☒ d. The `.nav-links` class is hidden only when the screen width is 768px or smaller.

**Question 5**

Complete

Mark 1.00 out of 1.00

Why is the `'hamburger'` div initially set to `'display: none;'` in the CSS?

```
.hamburger {  
    display: none;  
}
```

- ☒ a. To prevent the menu from being visible on larger screens where it's not needed.
- ☐ b. To ensure that the menu is always hidden, regardless of screen size.
- ☐ c. To remove all interactivity from the navigation menu.
- ☐ d. To disable the JavaScript toggle functionality.