✓ Congratulations! You passed!

Grade received 83.33%   **Latest Submission Grade** 83.33%   **To pass** 80% or higher

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1. Which of the following are HTML Inline Elements? Select all that apply.

   `1 / 1 point`

   ☑ `<input>`

   > ✓ **Correct**
   > Correct. The `<input>` element is an Inline Element in HTML.

   ☑ `<span>`

   > ✓ **Correct**
   > Correct. The `<span>` element is an Inline Element in HTML.

   ☐ `<div>`

   ☐ `<p>`

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2. Which of the following array methods can you use to add a new item to the end of an array?

   `1 / 1 point`

   ○ `arrayBuilder()`

   ○ `pop()`

   ⦿ `push()`

   > ✓ **Correct**
   > Correct. You can use the push() method to add a new item to the end of an array.

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3. Which of the following options can you use to clone a GitHub repository? Select all that apply.

   `1 / 1 point`

   ☑ You can use the `git clone` command in the Git terminal.

   > ✓ **Correct**
   > Correct. The `git clone` command creates a copy in the local repository.

   ☑ You can clone a GitHub repository with the GitHub Desktop app.

   > ✓ **Correct**
   > Correct. You can use the GitHub Desktop app to perform push and pull operations.

   ☐ You can clone a GitHub repository with GitHub's web interface.

☑ You can download a GitHub repository as a ZIP file.

✓ **Correct**
Correct. You can download the entire repository to your local computer as a ZIP file.

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4. Which of the following are rules from Shneiderman's **8 Golden Rules of UI Design**? Select all that apply.

`1 / 1 point`

☑ Offer informative feedback

✓ **Correct**
Correct! This is one of Shneiderman's **8 Golden Rules of UI Design**. It is essential to provide informative feedback for every action in a format that's readable to the user. The user should always know where they are at all times.

☐ Help and documentation

☑ Strive for consistency

✓ **Correct**
Correct! This is one of Shneiderman's **8 Golden Rules of UI Design**. It is critical to maintain uniformity throughout the site, whether it's the layout, the size of the button, the color code, or the tone used when writing the page.

☑ Offer simple error handling

✓ **Correct**
Correct! This is one of Shneiderman's **8 Golden Rules of UI Design**. If unavoidable errors occur, you must ensure that you provide users with simple step-by-step instructions to solve the problem quickly and easily.

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5. What is the purpose of Semantic HTML?

`1 / 1 point`

◯ Semantic HTML is used to describe information about the webpage.

◯ Semantic HTML creates a generic container-like structure to group related content together.

⦿ Semantic HTML is a way to describe the meaning of your web page through specific tags.

✓ **Correct**
Correct. You use semantic tags to describe the meaning of your web page, for example, `<header>`, `<nav>` and `<footer>`.

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6. When does wireframing happen in the project lifecycle?

`1 / 1 point`

◯ Towards the end of the project lifecycle

◯ In the middle of the project lifecycle

⊙ Early in the project lifecycle

7. The `git fetch` command creates a local copy from a remote git repository

1 / 1 point

○ True

⊙ False

8. True or false: Open graph tags are required to create a valid HTML document.

1 / 1 point

○ True

⊙ False

9. In the following component, which element is the top-level element?

1 / 1 point

```
1    function List(props) {
2        return (
3            <>
4                <ul>
5                    <li>{props.first}</li>
6                </ul>
7            </>
8        )
9    }
```

○ `<li>`

○ `<ul>`

(⊙) **<>**

> ✓ **Correct**
> That's correct. The React fragment is the top-level element of the component.

10. Which of the following hooks should be used to fetch data from an API in a React app?

- (○) `useState`
- (⊙) `useEffect`
- (○) `useReducer`

> ✓ **Correct**
> That's correct! `useEffect` is best used for side effects such as fetching data from API, updating the DOM or fetching resources.

11. What is wrong with the following React code?

```
1    import React from 'react';
2
3    function MyList() {
4      const list = ['item1', 'item2', 'item3'];
5      return (
6        <ul>
7        {list.map((item) => (
8          <li>{item}</li>
9        ))}
10        </ul>
11      );
12    }
13
```

- (⊙) There is nothing wrong with this code.
- (○) The list is not being sorted correctly.
- (○) The list elements do not have unique keys.
- (○) The list elements is not styled correctly.

> ⊗ **Incorrect**
> Not quite. Please review the lesson item: **Recap: React basics** in Lesson 3, Module 2 of this course.

12. Which of the following statements about CSS grids are true? Choose all that apply.

- ☑ CSS grids are created using the display property with a value of grid.

☑ CSS grids can be used to create flexible layouts.

☑ CSS grids are created using the float property.

☑ CSS grids can be used to create inline-block elements.

☑ CSS grids can be used to create flexible layouts.