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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.

☒ ``



Correct

Correct. The `` element is an Inline Element in HTML.

☐ `<div>`

☐ `<p>`

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.

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.

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.

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>`.

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

✓ **Correct**

Correct. Wireframing happens early in a product lifecycle, as its primary functions are to help define the information hierarchy of a design and to plan and decide how people will interact with the user interface.

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

1 / 1 point

☐ True

☒ False

✓ **Correct**

That's correct. You can create a local copy of a remote Git repository using the `git clone` command. The `git fetch` command is used to download objects and references from a remote repository.

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

1 / 1 point

☐ True

☒ False

✓ **Correct**

That's correct. Open Graph tags are not a must for web pages, but they can certainly increase the value of the content when shared on social media by providing rich metadata for social media platforms to display in the preview of the shared page. This can include the title, description, image and type of the page, which can help attract more clicks and engagement when shared on social media. However, you can choose to omit Open Graph tags if you prefer not to optimize your web page for social media sharing.

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  }
```

☐ ``

☐ ``



✓ **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?

1 / 1 point

- ☐ `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?

0 / 1 point

```
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.

0 / 1 point

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



Correct

That's correct. To create a grid using CSS grid, you should use the display property with a value of grid.

☒ CSS grids can be used to create flexible layouts.



Correct

That's correct. CSS grids are a powerful layout tool that can be used to create a wide range of layouts, including flexible layouts that adapt to different screen sizes and device orientations.

☒ CSS grids are created using the float property.



This should not be selected

Not quite. Please review the lesson item: [Recap: CSS Grids](#) in Lesson 2, Module 2 of this course.

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



This should not be selected

Not quite. Please review the lesson item: [Recap: CSS Grids](#) in Lesson 2, Module 2 of this course.