

✓ Congratulations! You passed!

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1. If a library depends on another library, it forms a _____.

1 / 1 point

- ☐ Framework Tree
- ☒ Dependency Tree
- ☐ Dependency Document
- ☐ Library Box

✓ Correct

That's correct! A dependency tree represents how libraries depend on other libraries.

2. How many columns does Bootstrap's responsive grid consist of?

1 / 1 point

- ☐ 10
- ☐ 8
- ☐ 14
- ☒ 12

✓ Correct

That's correct! Bootstrap uses a 12 column responsive grid.

3. To change the style of a Bootstrap component, you use _____.

1 / 1 point

- ☐ an infix
- ☒ a modifier

✓ Correct

That's correct! Modifiers are used to change a component's style.

4. To improve performance, web servers can keep a copy of dynamic content in a _____.

1 / 1 point

- ☐ Cloud
- ☒ Cache
- ☐ DOM

✓ Correct

That's correct! Dynamic content can be stored in a cache and updated based on time and/or user interaction.

5. What are the two main approaches for serving code and resources in a Single Page Application called? Select two.

1 / 1 point

- ☐ Packets
- ☒ Bundling

✓ Correct

That's correct! Assets, code and dependencies are bundled into a single file and loaded by the application.

- ☐ Code Boxing
- ☒ Code Splitting

✓ Correct

That's correct! Large applications can be split into multiple bundles that are loaded as required by the application.

6. React is a _____ that can be used to create single page applications.

1 / 1 point

- ☒ Library
- ☐ Framework

✓ **Correct**

That's correct! React is a library that can be used to build single page applications.

7. Components allow developers to improve development efficiency by reusing code.

1 / 1 point

- ☒ True
- ☐ False

✓ **Correct**

That's correct! Components can be reused in multiple parts of your application.

8. A React application is built up of a tree of components called the Component _____.

1 / 1 point

- ☐ Branch
- ☐ Root
- ☒ Hierarchy
- ☐ Library

✓ **Correct**

That's correct! The Component Hierarchy is a tree of components starting with the Root Component.