✓ **Congratulations! You passed!**

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

○ Framework Tree

◉ Dependency Tree

○ Dependency Document

○ Library Box

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

`1 / 1 point`

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

○ 10

○ 8

○ 14

◉ 12

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

`1 / 1 point`

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

○ an infix

◉ a modifier

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

`1 / 1 point`

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

○ Cloud

◉ Cache

○ DOM

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

`1 / 1 point`

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

☐ 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.

`1 / 1 point`

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.