✓ 200 XP ▶

Knowledge check

2 minutes

Choose the best response for each of the questions below. Then select **Check your answers**.

1. How many `constructor` functions can you include in a class definition?

○   One.

    ✔ **Correct! You can declare one `constructor` function in a class definition. If omitted, an automatic constructor will be provided for you.**

⊙   Any number.

    ✘ **Incorrect. Multiple `constructor` declarations are not allowed in a class definition.**

○   None.

2. What happens if you omit the `get` accessor for a class property?

○   You will not be able to set its value from your code.

○   Nothing. TypeScript automatically provides `get` accessor functionality if it is omitted.

⊙   You will not be able to return its value from your code.

    ✔ **Correct! The property becomes inaccessible if the `get` accessor is omitted.**

3. Which access modifier should you use if you don't want a method to be accessible from code outside the class but also want to make it available inside other classes that derive from the class?

○   `readonly`

⊙   `protected`

✔ **Correct! The `protected` modifier prevents the method from being visible outside of the class, while also allowing derived classes to use it.**

○   `private`

4. When extending a class, what is the purpose of the `super` keyword?

◉   It initializes the properties in the subclass.

✘ **Incorrect. Properties of the subclass are initialized using the syntax `this.property = parameter` syntax.**

○   It overrides the properties of the base class.

○   It executes the `constructor` of the base class when it runs.

✔ **Correct! Before initializing the properties in the subclass, the `super` keyword executes the `constructor` of the base class. It must appear before any instance of `this.`.**

Module complete:

Unlock achievement

How are we doing?   ☆ ☆ ☆ ☆ ☆