

Knowledge check

2 minutes

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

1. What is a difference between function parameters in TypeScript and function parameters in JavaScript?

- ☒ TypeScript parameters are required by default, but can be made optional. JavaScript parameters are always optional.
- ✓ **Correct! TypeScript parameters are required by default but can also be made optional. JavaScript parameters are always optional.**
- ☐ TypeScript parameters are the same as JavaScript parameters.
- ☐ TypeScript parameters are always optional. JavaScript parameters are required by default but can be made optional.

2. What is a common use for an anonymous function?

- ☒ When you need to apply the same function signature to more than one function.
- ✗ **Incorrect. You define a function type if you need to apply the same function signature to more than one function.**
- ☐ When you need to be able to reuse the function throughout your code.
- ☐ When you need to assign a function expression to a variable.

✓ **Correct! An anonymous function is commonly used to assign a function expression to a variable, or to pass a function to another function.**

3. How should you define a function type if you need to extend it?

- ☐ You can use either an interface or a type alias. They both work the

☒ Define it with an interface.

✓ **Correct! One reason to use an interface over a type alias is that interfaces can be extended whereas a type alias cannot.**

☐ Define it with a type alias.

Next unit: Summary and resources

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How are we doing? ☆ ☆ ☆ ☆ ☆