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Knowledge check

2 minutes

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

1. What happens when you add code to a namespace?

☐ Declarations are removed from the global namespace.

✓ **Correct! Namespaces remove declarations from the global namespace, providing a context for names and helping to reduce naming collisions.**

☒ Declarations are removed from the global namespace only if the namespace is in a separate file.

✗ **Incorrect. Namespaces don't have to be in separate files to be removed from the global namespace.**

☐ Declarations contribute to 'global scope pollution'.

2. How do you make a component available outside the scope of a namespace?

☒ Add the `import` keyword to the file that will use the component.

✗ **Incorrect. The `import` keyword can be used to create an alias that describes nested namespaces.**

☐ Add the `export` keyword to the declaration.

✓ **Correct! Adding the `export` keyword makes the component available for use outside of the namespace.**

☐ Add a `reference` statement to the file that will use the component.

3. What is the option that tells the TypeScript compiler to output multiple files using and containing namespaces into a single JavaScript file?

☐ `--multifile`

☐ --outfile

✓ **Correct!** The `--outfile` option instructs the compiler to output a single JavaScript file.

☒ No option is required. The Typescript compiler does this operation by default.

✗ **Incorrect.** By default, the TypeScript compiler produces one JavaScript file for each input file.

Next unit: Summary

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How are we doing? ☆ ☆ ☆ ☆ ☆