

Knowledge check

3 minutes

1. What is Blazor? *

- ☐ A way to run .NET code on WebAssembly.
- ☐ A native UI framework for building Windows desktop apps.
- ☒ A modern frontend web framework based on HTML, CSS, and C#

✓ **Blazor is a modern frontend web framework based on HTML, CSS, and C#.**

- ☐ A type of jacket resembling a suit jacket, but with a more casual cut.

2. What language do you typically use to author Blazor components? *

- ☐ JavaScript
- ☐ XAML
- ☐ Visual Basic

☒ Razor

✓ **Blazor components are typically built using Razor, a convenient mixture of HTML and C#.**

3. True or False: You can use existing JavaScript libraries with Blazor. *

☒ True

✓ **Blazor supports JavaScript interop, which lets you call JavaScript libraries and APIs from your Blazor apps.**

☐ False

4. Which of the following benefits is not a benefit of using Blazor? *

- ☐ Build web UI fast with reusable components.
- ☐ Support for server and client-side rendering
- ☐ Build the frontend and backend with one development stack.

☒ Minimal download size.

✓ **While server-based Blazor apps can load quickly, running .NET code on the client requires downloading a small .NET runtime with the app.**

5. Which of the following reasons is valid reason to not use Blazor? *

- ☐ You need to use an existing React component in your web app.
- ☒ You need to host your web app on a cheap static site host, like GitHub Pages.

✗ Blazor apps can be configured to run fully on the client via WebAssembly and can be deployed as static sites.

- ☐ You're not a C# expert.

- ☐ You need to support older browsers.

✓ Blazor supports all modern browsers, but if you need to support older browsers that don't support modern web platform features, then Blazor may not be the best choice.

Next unit: Summary

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