

QUIZ

Which of the following statements is true regarding styling in Next.js?

Next.js strictly uses Tailwind CSS.

Next.js does not support any styling.

Next.js strictly uses CSS Modules.

Next.js supports CSS Modules and global CSS.



Correct!

True or False: You must manually configure each route in a Next.js application.

False.



Correct! You do not have to manually configure each route.

True.

Which statement best reflects Next.js' rendering capabilities?

Next.js strictly supports only server-side rendering.

Next.js supports both client-side rendering and server-side rendering. It intelligently automates the choice of rendering methods, freeing developers from manually determining which rendering method to use.

Next.js supports both client-side rendering and server-side rendering. It allows developers to choose between the two or a combination of both, depending on the needs of the application.



Correct!

Next.js strictly supports only client-side rendering.

What is Next.js?

A React framework for robust web apps with features like routing, rendering, and optimization.



Correct!

A JavaScript library for building user interfaces.

A web development platform that extends React.

A development toolkit for building and deploying optimized web applications.

Which of the following accurately describes server-side rendering?

Storing web page content on the server and sending it to the client when requested.

Generates interactive elements on a web page exclusively on the server before sending those components to the client's browser.

Rendering web pages on the server before sending the fully rendered HTML to the client's browser.







Correct!

Encrypting data on the server before sending it to the client's browser.

Compiles and minifies HTML, CSS, and JavaScript files on the server before sending them to the client's browser.

Fill in the following command to bootstrap a default Next.js application with the name `my-app`

`npx`  `create`  `- next`  `- app`  `my-app`



You got it!

Which of the following accurately describes client-side rendering?

It is an outdated rendering approach that is no longer used in web development.

It renders once in the client's browser and relies strictly on the server for subsequent interactions.

Rendering happens in the client's browser after it has received instructions from the server.



Correct!

Relies on the server to create fully rendered HTML pages for each request.

Which of the following is an accurate definition of "rendering"?

The process of a web server processing requests.

The process of routing web pages.

The process of executing code to produce viewable user interfaces.



Correct!

The process of storing and retrieving data from a server.

Which of the following describes the process of hydration?

Hydration uses JavaScript to selectively re-render server-side rendered elements as users interact with the static webpage.

Hydration executes the bundled JavaScript server-side, attaching interactivity to the webpage before it is sent to the client for optimization.

Hydration uses JavaScript on the client side to adjust the DOM structure to match the current state and data of the application.

Hydration executes the bundled JavaScript client-side, attaching event handlers and linking the React components to their HTML counterparts.



Correct! Hydration makes webpages interactive by executing the bundled JavaScript.