

1.. Explain meta tags in HTML

- Meta tags always go inside head tag of the HTML page
- Meta tags is always passed as name/value pairs
- Meta tags are not displayed on the page but intended for the browser
- Meta tags can contain information about character encoding, description, title of the document etc,

2. What is Scope in JavaScript?

In JavaScript, each function gets its own scope. Scope is basically a collection of variables as well as the rules for how those variables are accessed by name. Only code inside that function can access that function's scoped variables.

A variable name has to be unique within the same scope. A scope can be nested inside another scope. If one scope is nested inside another, code inside the innermost scope can access variables from either scope.

3. What npm is used for?

npm stands for Node Package Manager. npm provides the following two main functionalities:

- Online repositories for Node.js packages/modules which are searchable on search.npmjs.org
- Command-line utility to install packages, do version management and dependency management of Node.js packages.
- Another important use for npm is dependency management. When you have a node project with a package.json file, you can run `npm install` from the project root and npm will install all the dependencies listed in the package.json.

4. Explain the CSS box model and the layout components that it consists of

The CSS box model is a rectangular layout paradigm for HTML elements that consists of the following:

- Content - The content of the box, where text and images appear
- Padding - A transparent area surrounding the content (i.e., the amount of space between the border and the content)
- Border - A border surrounding the padding (if any) and content
- Margin - A transparent area surrounding the border (i.e., the amount of space between the border and any neighboring elements)

5. What are the advantages of using React?

- It is easy to know how a component is rendered, you need to look at the render function.
- JSX makes it easy to read the code of your components. It is also really easy to see the layout, or how components are plugged/combined with each other.
- You can render React on the server side. This enables improved SEO and performance.
- It is easy to test.
- You can use React with any framework (Backbone.js, Angular.js) as it is only a view layer.