

1. What are the main building blocks of Angular?

- components, which handle application logic;
- templates, which define the visual structure using HTML;
- modules, which organize and manage these components for a modular and structured development approach

2. What are the advantages and disadvantages of using Angular?

Advantages:

- maintained by google,
- has a large community and ecosystem,
- allows for two-way data binding,
- uses TypeScript,
- has its own powerful router

Disadvantages:

- complexity of Angular for beginners,
- can be a difficult framework to debug because of its hierarchical tree-like scope,
- two-way data binding can affect performance because the browser will be very busy manipulating dom elements,
- developers have to adhere to a particular style since Angular is an opinionated framework,
- meant to be used for Single Page Apps, which then have to be rendered on the client-side

3. What is Angular Material and what can you do with it?

Angular Material is a UI components library for Angular applications, helping developers to create consistent and visually appealing user interfaces by offering pre-designed elements like buttons, forms, and navigation bars. It:

- integrates well with Angular applications by utilizing features like Angular Command Line Interface (CLI), RxJs Observables, and HttpClient,
- can improve user experience because its components are optimized for performance,
- improves responsiveness by ensuring that the user interface is consistent and functional