What is Angular, and how is it di fferent from AngularJS?

Angular is a modern front-end framework by Google for building web apps. It uses TypeScript. AngularJS is the older version that uses JavaScript. Angular is faster, more modular, and uses a component-based approach.

How does Angular's component-based architecture help in building scalable applications?

It breaks the app into small, reusable parts (components), making the code easier to manage, test, and scale as the app grows.

Why is TypeScript preferred over JavaScript in Angular applications?

TypeScript adds features like static typing and better tooling, which helps catch errors early and makes code easier to understand and maintain.