**Basic Concepts:**

1. **Introduction to Angular:**
   * What is Angular?
   * Angular architecture and components.
2. **Setting up Angular:**
   * Installing Angular CLI.
   * Creating a new Angular project.
3. **Components and Templates:**
   * Creating components.
   * Data binding (property binding, event binding).
4. **Directives:**
   * Structural directives (ngIf, ngFor).
   * Attribute directives (ngClass, ngStyle).
5. **Services:**
   * Creating and using services.
   * Dependency Injection in Angular.
6. **Modules:**
   * Organizing code into modules.
   * Feature modules vs. Core module.

**Intermediate Concepts:**

1. **Forms:**
   * Template-driven forms.
   * Reactive forms.
2. **Routing:**
   * Setting up and configuring Angular Router.
   * Route parameters and navigation.
3. **HTTP Client:**
   * Making HTTP requests.
   * Handling responses with observables.
4. **Pipes:**
   * Built-in pipes.
   * Creating custom pipes.
5. **Lifecycle Hooks:**
   * ngOnInit, ngOnDestroy, etc.
   * Order of lifecycle hooks.
6. **Dependency Injection (DI):**
   * Understanding DI in Angular.
   * Hierarchical Injectors.

**Advanced Concepts:**

1. **Angular CLI:**
   * Advanced CLI commands.
   * Configuring build and deployment.
2. **Lazy Loading:**
   * Lazy loading modules.
   * Improving application performance.
3. **State Management:**
   * NgRx for state management.
   * RxJS for managing application state.
4. **Testing in Angular:**
   * Unit testing with Jasmine and Karma.
   * End-to-end testing with Protractor.
5. **Angular Universal:**
   * Server-side rendering in Angular.
6. **Internationalization (i18n):**
   * Adding multiple language support.
7. **Angular Best Practices:**
   * Code organization and structure.
   * Performance optimization tips.
8. **Angular and Reactive Programming:**
   * RxJS Observables and operators.
   * Async pipe.
9. **Custom Directives:**
   * Creating custom structural and attribute directives.
10. **Security in Angular:**
    * Cross-Site Scripting (XSS) protection.
    * Cross-Site Request Forgery (CSRF) protection.

**Additional Topics:**

* **Angular Animations:**
  + Animation module and basic animations.
  + Complex animation sequences.
* **Angular Material:**
  + Integrating Angular Material components.
  + Theming and customization.
* **Angular Elements:**
  + Creating and using Angular Elements.
  + Integrating Angular with non-Angular applications.
* **Web Components:**
  + Building and using Web Components in Angular.
* **Angular Schematics:**
  + Creating custom schematics.
  + Automating repetitive tasks with schematics.
* **Progressive Web Apps (PWA):**
  + Building PWAs with Angular.
  + Service workers and offline support.
* **Angular and GraphQL:**
  + Integrating Angular with GraphQL APIs.
  + Apollo Client for Angular.
* **Micro Frontends with Angular:**
  + Implementing micro frontend architecture.
  + Module federation in Angular.
* **Angular and Docker:**
  + Containerizing Angular applications.
  + Deploying Angular apps with Docker.
* **Angular and Firebase:**
  + Integrating Angular with Firebase.
  + Real-time database and authentication.
* **Continuous Integration and Deployment (CI/CD):**
  + Setting up CI/CD pipelines for Angular applications.
* **Angular and Accessibility:**
  + Creating accessible Angular applications.
  + ARIA roles and attributes.
* **Angular CLI Customization:**
  + Customizing Angular CLI configuration.
  + Adding custom schematics to the CLI.
* **Angular and WebAssembly:**
  + Integrating Angular with WebAssembly.
* **Angular and Serverless Architecture:**
  + Building serverless applications with Angular.