

## AI Response:

Angular modules are a fundamental part of an Angular application. They help org

### ### Key Concepts of Angular Modules

#### 1. **\*\*NgModule\*\***:

- An Angular module is defined using the `@NgModule`` decorator. This decora

Example:

```
```typescript
```

```
import { NgModule } from '@angular/core';
```

```
import { BrowserModule } from '@angular/platform-browser';
```

```
import { AppComponent } from './app.component';
```

```
@NgModule({
```

```
  declarations: [AppComponent], // Components, directives, and pipes that bel
```

```
  imports: [BrowserModule],      // Other modules whose exported classes are n
```

```
  providers: [],                // Creatable services this module contributes to the glo
```

```
  bootstrap: [AppComponent]     // The main application view, called the root co
```

```
})
```

```
export class AppModule { }
```

```
```
```

#### 2. **\*\*Declarations\*\***:

- This array contains components, directives, and pipes that belong to the mod

#### 3. **\*\*Imports\*\***:

- This array includes other modules needed by the components in the current m

#### 4. **\*\*Providers\*\***:

- This array is used to register services that the module contributes to the appli

#### 5. **\*\*Bootstrap\*\***:

- In the root module, this property defines the root component that Angular sho

### ### Types of Angular Modules

#### 1. **\*\*Root Module\*\***:

- The main module of the application, usually named ``AppModule``.

#### 2. **\*\*Feature Modules\*\***:

- These are modules that encapsulate a specific feature of your application. Th

Example of a feature module:

```
```typescript
```