* An Angular module, whether a root or feature, is a class with an @**NgModule** decorator.
* **Decorators** are **functions** that modify **JavaScript** **classes**. Angular has many **decorators** that attach **metadata** to classes so that it knows what those classes mean and how they should work.
* **NgModule is a decorator function that takes a single metadata object whose properties describe the module. The most important properties are:**
  + **declarations** - the *view classes* that belong to this module. Angular has three kinds of view classes: [components](https://angular.io/docs/ts/latest/guide/architecture.html#components), [directives](https://angular.io/docs/ts/latest/guide/architecture.html#directives), and [pipes](https://angular.io/docs/ts/latest/guide/pipes.html).
  + **exports** - the subset of declarations that should be visible and usable in the component [templates](https://angular.io/docs/ts/latest/guide/architecture.html#templates) of other modules.
  + **imports** - other modules whose exported classes are needed by component templates declared in *this* module.
  + **providers** - creators of [services](https://angular.io/docs/ts/latest/guide/architecture.html#services) that this module contributes to the global collection of services; they become accessible in all parts of the app.
  + **bootstrap** - the main application view, called the *root component*, that hosts all other app views. Only the *root module* should set this bootstrap property.

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

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

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

@NgModule({

imports: [ BrowserModule ],

declarations: [ AppComponent ],

bootstrap: [ AppComponent ]

})

export class AppModule { }

* The @**NgModule** decorator defines the metadata for the module. We'll take an intuitive approach to understanding the metadata and fill in details as we go.
* This metadata imports a single helper module, **BrowserModule**, the module every browser app must import.
* **BrowserModule** registers critical application service providers. It also includes common directives like **NgIf** and **NgFor** which become immediately visible and usable in any of this modules component templates.
* The declarations list identifies the application's only component, the *root component*, the top of this app's rather bare component tree.