**Scanning for Component Classes**

* Spring will scan your Java classes for special annotations
  + @Component
* Automatically register the beans in the Spring container

@SpringBootApplication in the back **enables:**

* Auto configuration (@EnableAutoConfiguration)
  + Enables spring boot’s auto-configuration support
* **Component scanning (@ComponentScan)**
  + **Enables component scanning of current package(where main spring boot application is located) and also subpackages**
* Additional configuration ()
  + Able to register extra beans with @Bean or import other configuration classes

More on component Scanning

* By default, Spring boot starts component scanning
  + From same package as your main Spring boot application
  + Also it scans sub-packages

So if we have others packages and component classes in that package, we can explicitly list base packages to scan for components

@SpringBootApplication(  
 **scanBasePackages** = {"com.luv2code.springcoredemo",  
 "com.luv2code.util"})