**SPRING BOOT**

@Component : spring should manage the bean

@Autowired : spring should find the matching bean and wire the dependency in.

@Component is a generic component

@Repository – encapsulating storage, retrieval, and search behaviour typically from a relational database (data layer)

@Service – Business Service Façade (business layer)

@controller – controller in MVC pattern (web layer)

**Scope :**

**singleton:** one instance per spring context

**prototype:** new bean whenever requested

**request:** one bean per HTTP request. Web-aware spring application context

**session:** one bean per HTTP session. Web-aware spring application context

* the singleton scope is the default scope in spring
* the gang of four defines singleton as having one and only one instance per classloader
* however, spring singleton is defined as one instance of bean definition per container