# Spring Annotations

**@EnableAutoConfiguration**

Spring Boot automatically configures your application based on the dependencies you have added to the project

**@SpringBootApplication**

The entry point of the spring boot application is the class contains **@SpringBootApplication** annotation and the main method.

**@SpringBootApplication** annotation includes Auto- Configuration, Component Scan, and Spring Boot Configuration.

**@ComponentScan**

Spring Boot automatically scans all the components included in the project by using **@ComponentScan** annotation.

**@RestController**

is used to define the RESTful web services

**@RequestMapping**

write a Request URI method. is used to provide routing information

**@Value**

is used to read the environment or application property value in Java code

**@RequestBody**

is used to define the request body content type.

**@PathVariable**

is used to define the custom or dynamic request URI.

**@RequestParam**

is used to read the request parameters from the Request URL.

**@ControllerAdvice**

is an annotation, to handle the exceptions globally.

**@ExceptionHandler**

is an annotation used to handle the specific exceptions and sending the custom responses to the client.

**@EnableScheduling**

is used to enable the scheduler for your application.

**@Scheduled**

is used to trigger the scheduler for a specific time period.

@PreDestroy and @PostConstruct are alternative way for bean initMethod and destroyMethod.

@PropertySource: provides a simple declarative mechanism for adding a property source to Spring’s Environment. There is a similar annotation for adding an array of property source files i.e @PropertySources.

@EnableWebSecurity is used with @Configuration class to have the Spring Security configuration defined,