

Spring Professional Exam Tutorial v5.0

Question 28

Question 28 - How do you inject scalar/literal values into Spring beans?

To inject scalar/literal values into Spring Beans, you need to use `@Value` annotation.

`@Value` annotation has one field value that accepts:

- ▶ Simple value
- ▶ Property reference
- ▶ SpEL String

`@Value` annotation can be used on top of:

- ▶ Field
- ▶ Constructor Parameter
- ▶ Method - all fields will have injected the same value
- ▶ Method parameter - Injection will not be performed automatically if `@Value` is not present on method level or if `@Autowired` is not present at method level
- ▶ Annotation type

Inside `@Value` you can specify:

- ▶ Simple value - `@Value("John"), @Value("true")`
- ▶ Reference a property - `@Value("${app.department.id}")`
- ▶ Perform SpEL inline computation - `@Value("#{ 'Wall Street' .toUpperCase() }"),`
`@Value("#{ 5000 * 0.9 }"),`
`@Value("#{ '${app.department.id}' .toUpperCase() }")`
- ▶ Inject values into array, list, set, map

