Spring

### 1. What is Spring Framework?

Spring is one of the most widely used Java EE framework. Spring framework core concepts are “Dependency Injection” and “Aspect Oriented Programming”.

Spring framework can be used in normal java applications also to achieve loose coupling between different components by implementing dependency injection and we can perform cross-cutting tasks such as logging and authentication using spring support for aspect-oriented programming.

 it provides a lot of features and different modules for specific tasks such as Spring MVC and Spring JDBC.

### What do you understand by Dependency Injection?

Dependency Injection [design pattern](https://www.journaldev.com/1827/java-design-patterns-example-tutorial) allows us to remove the hard-coded dependencies and make our application loosely coupled, extendable and maintainable. We can implement dependency injection pattern to move the dependency resolution from compile-time to runtime.

Some of the benefits of using Dependency Injection are Separation of Concerns, Boilerplate Code reduction, Configurable components, and easy unit testing.