Spring Framework

Provides core support for dependency injection, transaction management, web apps, data access, messaging and more.

* The Spring Framework provides a comprehensive programming and configuration model for modern Java-based enterprise applications – on any kind of deployment platform.
* A key element of Spring is infrastructural support at the application level: Spring focuses on the "plumbing" of enterprise applications so that teams can focus on application-level business logic, without unnecessary ties to specific deployment environments.

Features:

1. **Core Technologies** **–** dependency injection, events, resources, i18n, validation, data binding,

type Conversion, SpEL, AOP.

1. **Testing –** mock objects, TestContext Framework, Spring MVC Test, WebTestClient.
2. **Data Access** – transactions, DAO Support, JDBC, ORM, Marshalling XML
3. **Spring MVC** and **Spring WebFlux** web frameworks.
4. **Integration –** remoting, JMS, JCA, JMX, email, tasks, scheduling, cache.
5. **Languages –** Kotlin, Groovy, dynamic languages.