Spring is a open source light weighted layered architecture framework.

Spring core

IOC : Inversion of control : it is a programming pattern or design pattern. In place of creating object explicitly allow to create and maintain by container. If container will create it will maintain property.

Rather than push the object (Emloyee emp = new Employee()) pull the objet from a container whenever required and use it and leave it.

In MVC project web container will create the object of servlet and jsp but not model layer.

EJB . EJB container will create the object of those classes if class is type of ejb.

Spring framework providing the features to create the object of normal class ie POJO (Plain Old Java Object). The class not to extends or implements any pre-defined class except Object. with Spring container are part of jar files.

IOC is a concept

DI : Dependency Injection : DI is a implementation of IOC.

Spring framework support two type of DI

Constructor based DI

Setter based DI

Using XML

Using Annotation