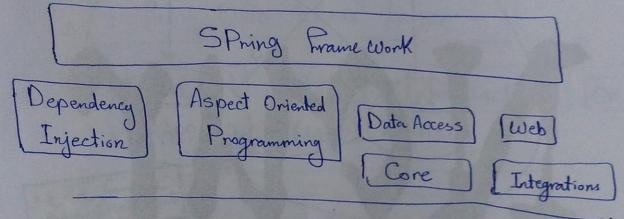
What is the API?
Application Programming Interface is an interface for an and to the
Used may be remotely or locally
Examples:
1. Web Services -> (Rest & Soap) (Remotely)
2 Star sun (Remotely)
3. Javes RMI - (Remotely)
4. Java x
agent and a second a second and
Colore Water Water de La Colore
Java 2
JPA Annotations Crypto Transaction XML Validation SOAP
Transaction XML Validation SOAP Birding
Find All Employees (France)
PID TO Progree
HTTP Data Res
(JSON) -> For Rest Delete Employee)
(XML) -> For Soap update Employee)
Services Resource
Backed Services
(Rest or Soap) API

> What is Spring?

Spring is a development plateform used for developing Java Application and There are some extensions for web & Java EE Applications

- 1. It's light weighted & Simple Compared with EJB
- 2. It doesn't need a Container (App Server) only Servet Container
- 3. Make use of the Java Frame works
- 4. Light Ioc Containers



## > Dependency Injection:

1. Dependency: means that class A will depend on Class B

2. Injection: - means that class B will depend in class A

Example: Class B (stand above)

Class Property Reader {

Constructor () {

Read the Configuration

3

get value (Property name) {

3

Class Auth Service {

@Inject B Config loader;

Public authblser() {

Configlander. and get Value (-);

}

\* Spring also Support using of more other franceworks Such as ?

What is Maven, npm, Gradle, bower, Art, Yarn?

1. Apade Maven: It's a Software Project Hangement tool Used For (Building - Reporting - Packaging) & act as alib Repository

## 2. What is upm?

Ly It's a Package Manager For the JS Runtime Environment
Node JS & act as alibrary Repository

## > What is Spring Boot ?

It provides a Simpler & Faster way to Setup, Configure and run both Simple & web Based Application

La Provide alleb Server For deployment

Simplify the Configurations