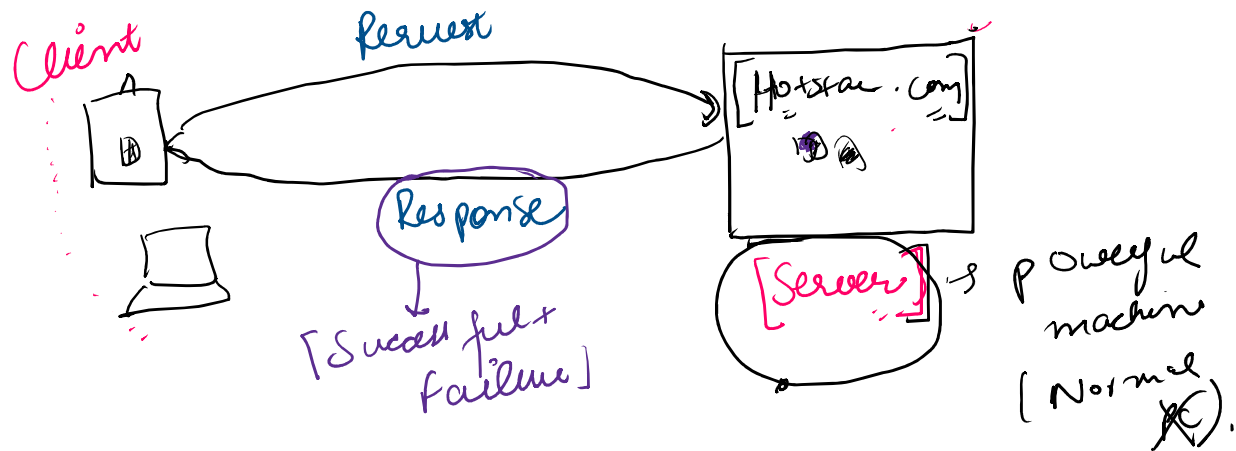


5.6 - Client Server Arch, Intro to APIs

Saturday, November 1, 2025 3:09 PM

Client Server Architecture

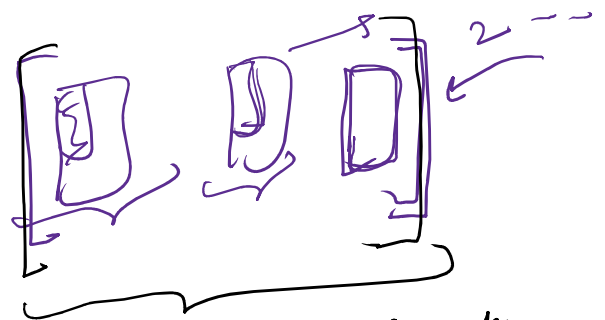


* On Prem Infrastructure

On Premises

→ [Cloud Computing]

Datacenter (AWS)

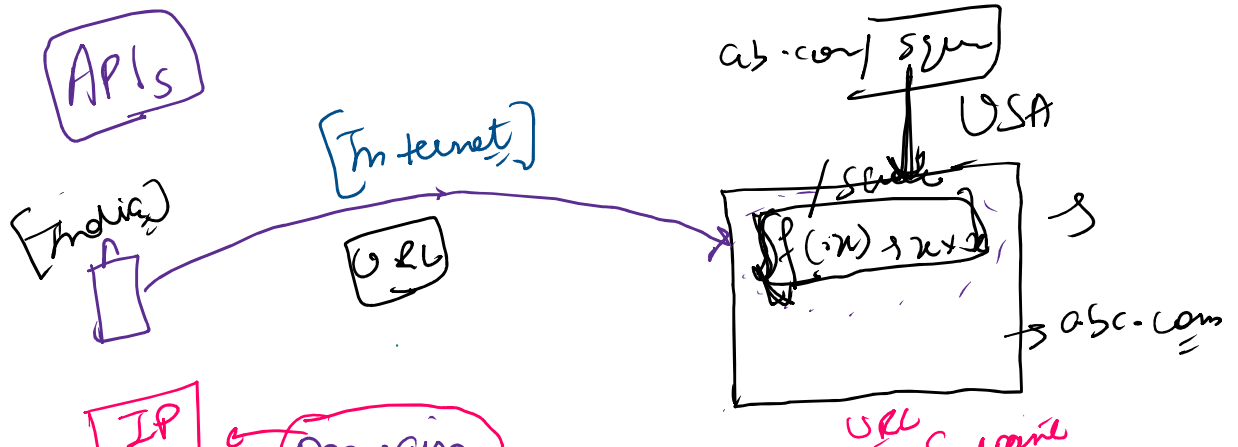


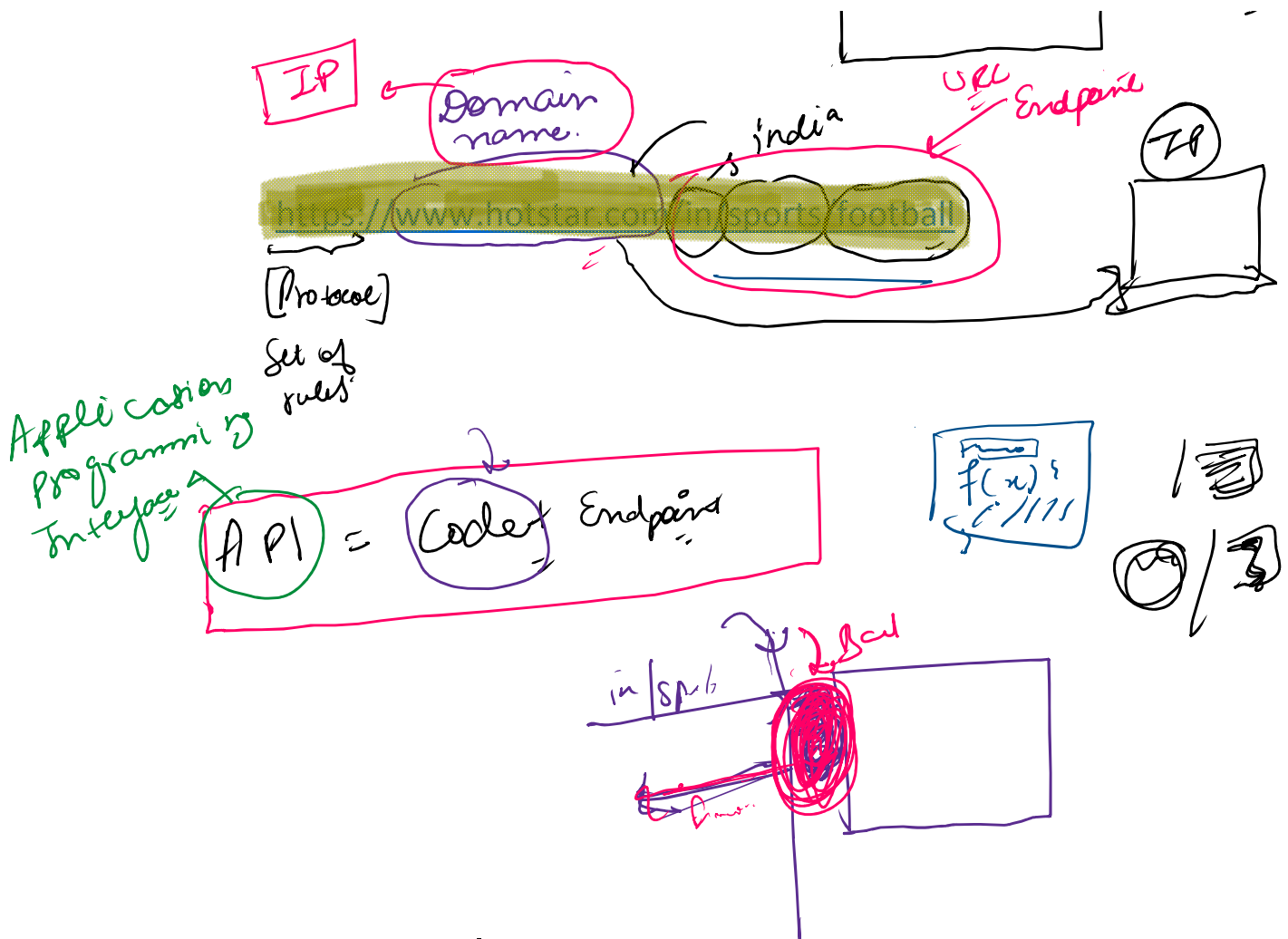
Cloud Provider

AWS

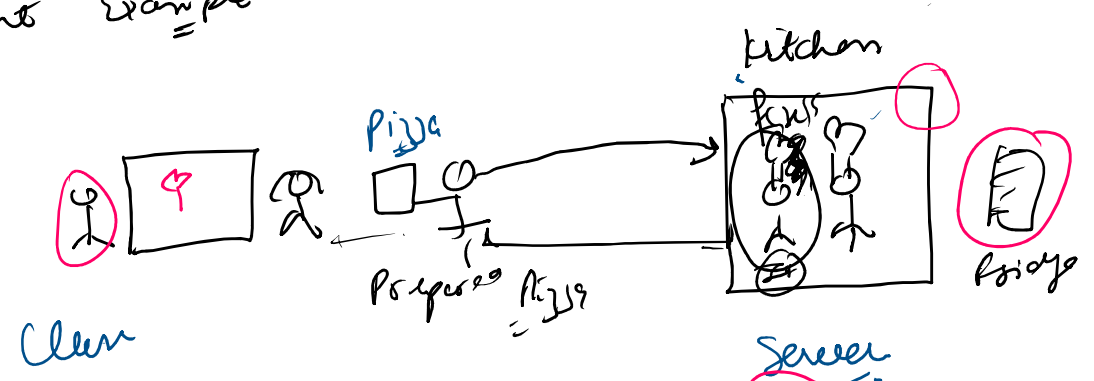
{ Microsoft Azure
Google Cloud Platform

[APIs]





Restaurants Example

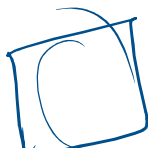
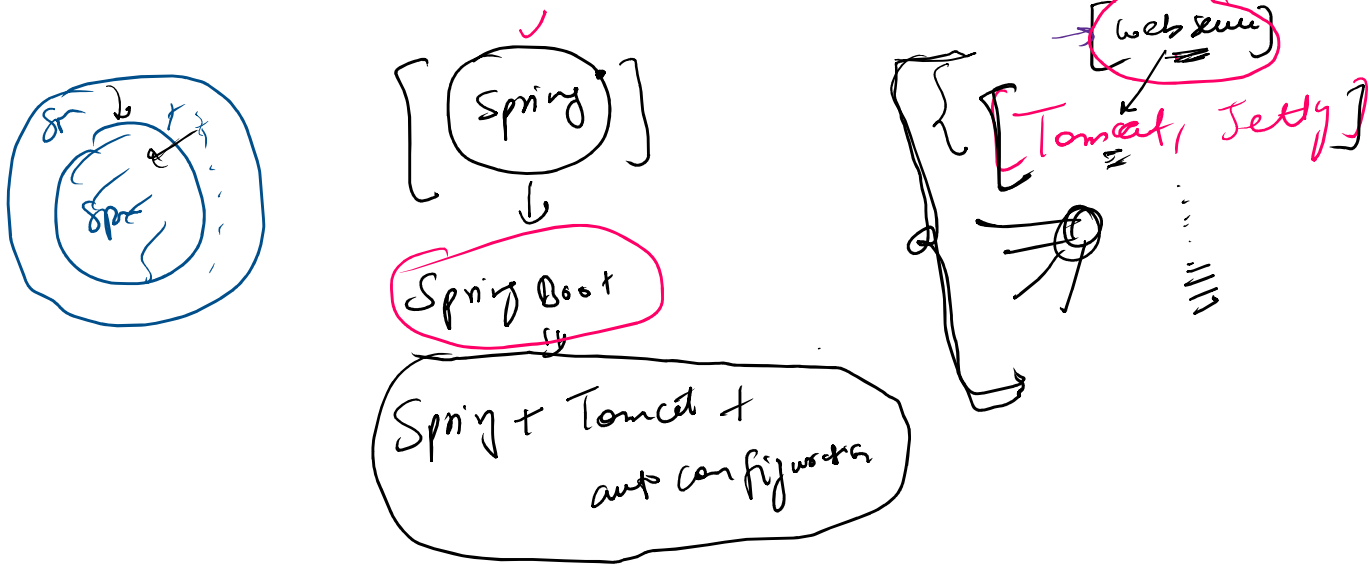


Screen
`{ /a
 [Server(v)]
 }`
 1b
 use case

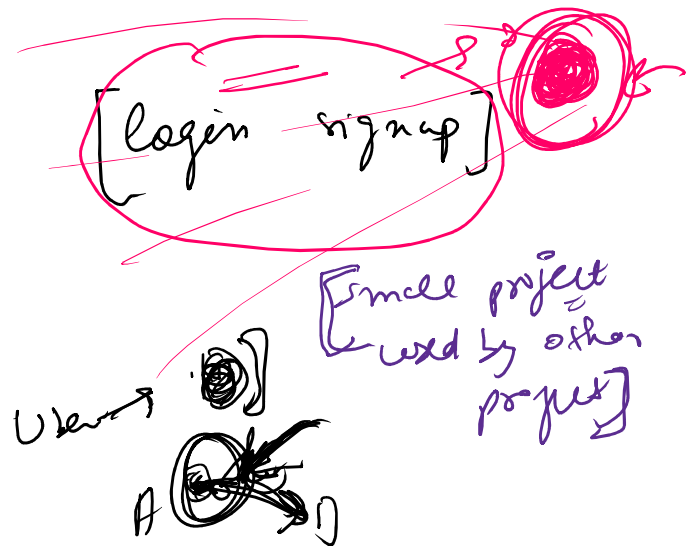
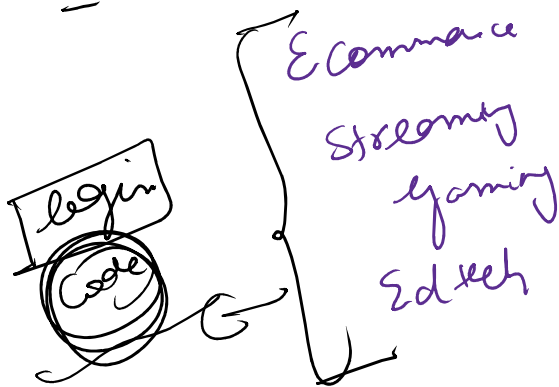
Intro to Spring and Spring Boot → Java, Kotlin, Groovy

Intro to Spring and Spring Boot → framework → structure / functionalities

(Saving) (concern) groovy

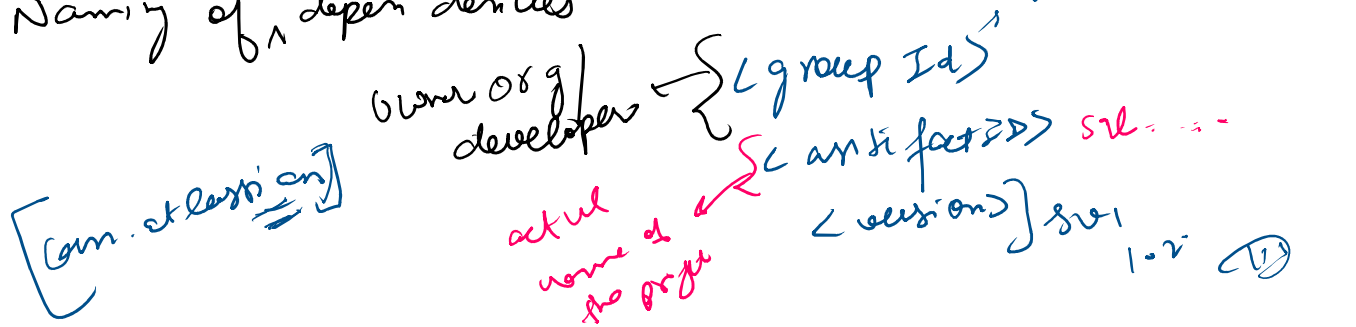
Concept of Dependencies



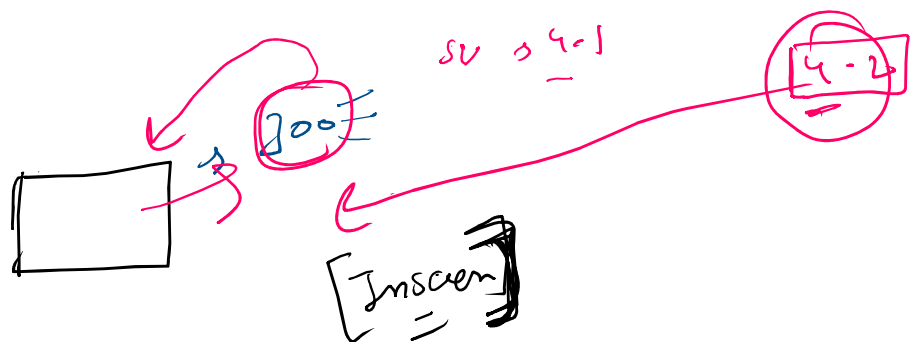
Dependency: A pre-written piece of code that we add to our project and use.

Dependency: If you want to add to our project and use

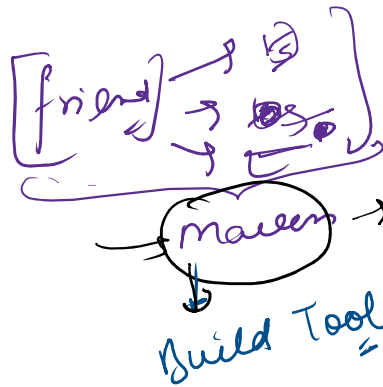
⇒ Naming of ^{maven based} dependencies



[maven]



[gradle]



Project software management

[Dependency mgmt]



Requirement

(pom) file

project object model