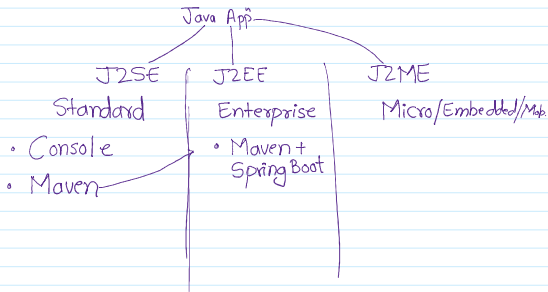


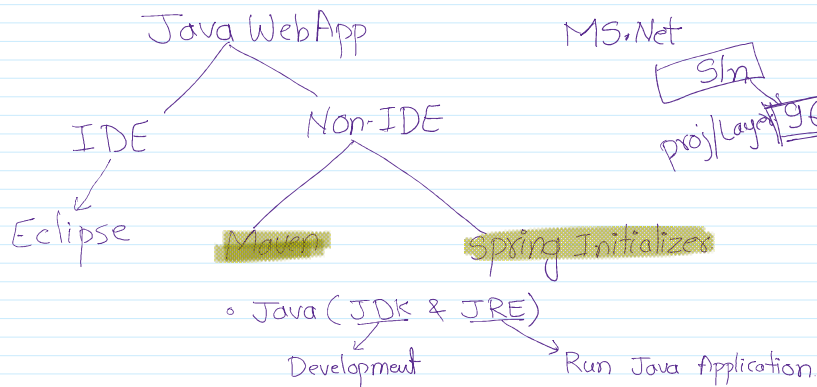
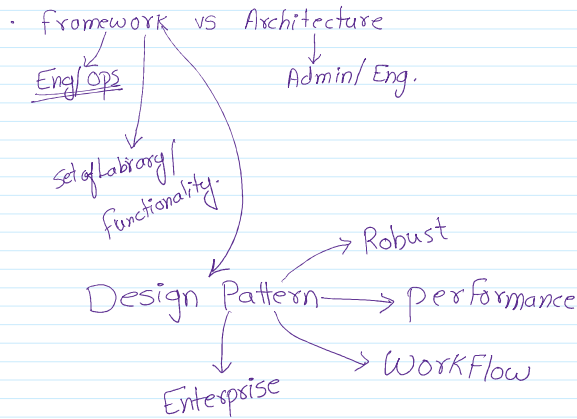
# 48.06Jun.Application & Server

Tuesday, June 6, 2023 7:06 PM

1. Spring boot Application
2. OOP
3. Tomcat
4. Maven
5. Jenkins
  - a. Pull SCM = CORN Job
  - b. Web Hook = GitHub



## \* Spring Boot



T...

MS.Net

Go

Python

Development

Run Java Application.

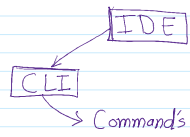
Java  
VSCode  
Eclipse

MS.NET  
VSCode

Go  
VSCode

Python  
VSCode

Google & MS & FB & Apple & Discovery  
VSCode

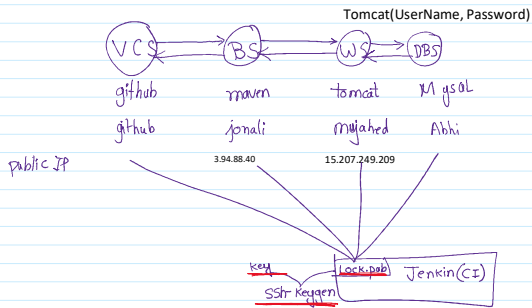
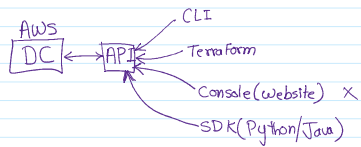


	VSCode	Eclipse	CLI
✓	✓	✓	✓

Tomcat & Maven Life cycle Goals

```
graph TD; A[Tomcat & Maven Life cycle Goals] --> B[Web apps]; A --> C[package (war)]; A --> D[Jenkins];
```

The diagram shows three arrows originating from the text "Tomcat & Maven Life cycle Goals". One arrow points to "Web apps", another points to "package (war)", and a third points to "Jenkins".



Github= Github  
Build Server = Maven, Spring Boot Application S4  
MySQL = S1  
Jenkins = S2  
Tomcat = S3

Ansible

```
MyLapi: $ ssh-keygen
```

```
Rename id_rsa ---> Key
Rename id_rsa.pub --> Lock
```

ssh / EC2 --> Instances --> Select --> Connect

```
$ sudo su -
```

```
# hostname webserver
# bash
```

## #exit

```
$ cd .ssh
```

```
$ cat >> authorized_keys
(Shift + Insert) PASTE (id_rsa.pub = lock.pub)
```

### Deploy Web Server(Apache Tomcat)

1. `$ sudo su`
2. `# apt update && apt install openjdk-8-jdk -y`
3. `# apt install tomcat9 tomcat9-admin -y`

Tomcat

bin = Catalina.sh, set classpath

## Startup & Shutdown.sh

server.xml  $\Rightarrow$  port

tomcat-user.xml → User, Roles, Privileges

- webapps (War  $\rightarrow$  Extract  $\rightarrow$  Folder)

↳ web container (web application)

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