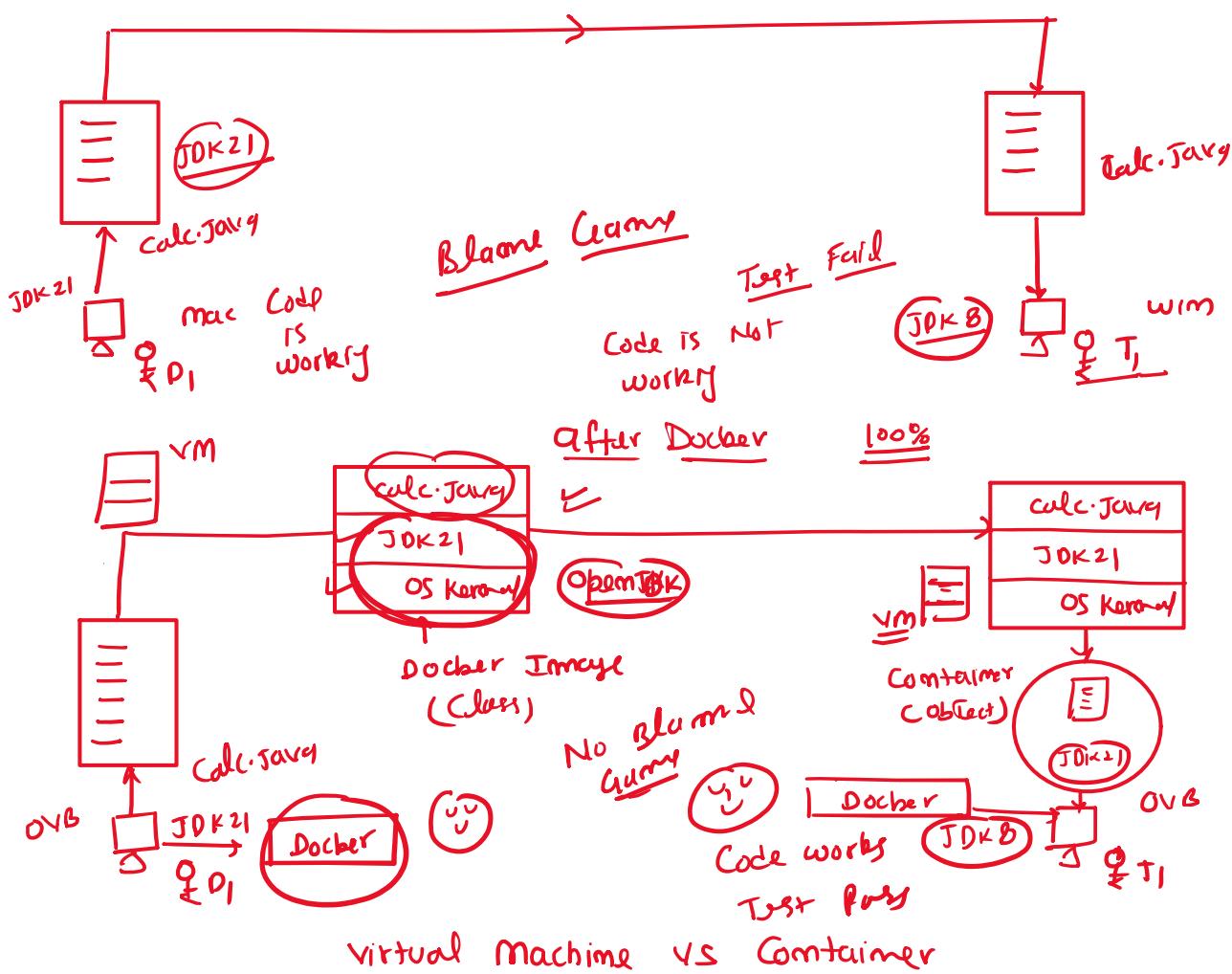


# Before Docker



# Virtual Machine vs Container

**virtual m/c**

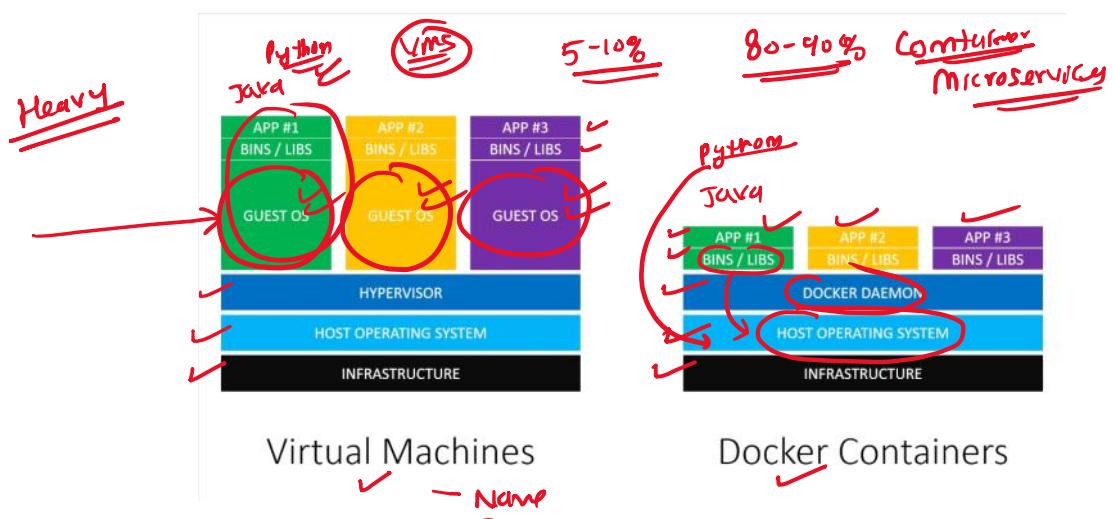
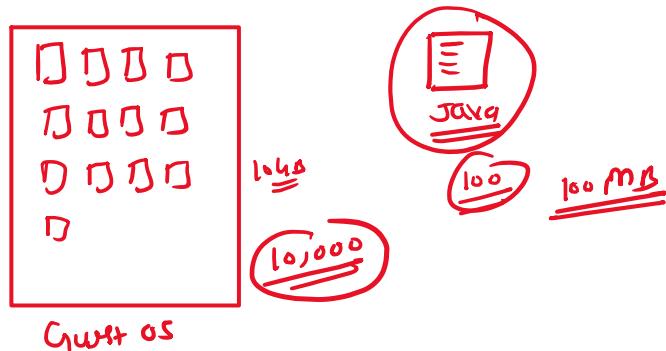
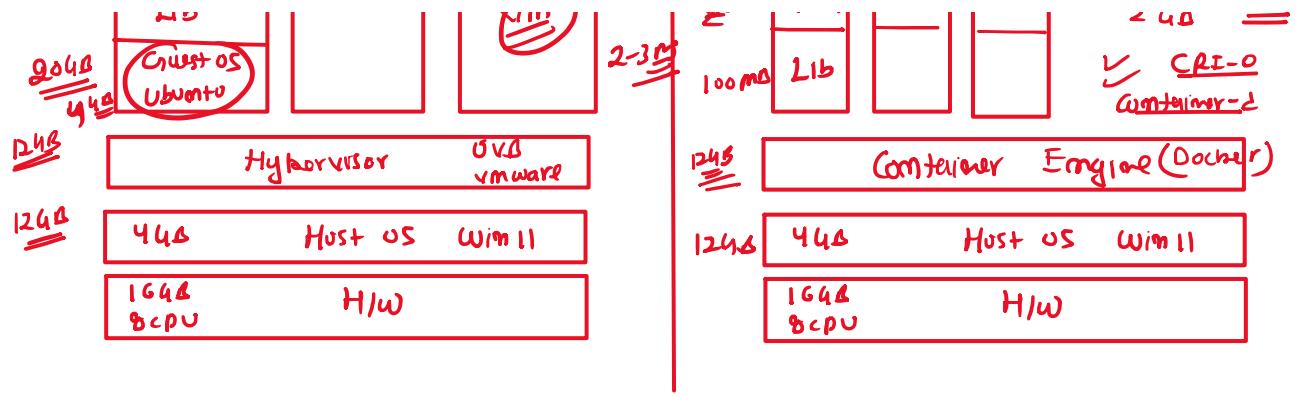
**Container**

VM1	VM2	VM3	Container
APP Java Lib Guest OS Ubuntu 2GB RAM 90GB Disk			1500ms CPU 100MB Memory 1-2 sec Latency APP Lib 100ms CPU 100MB Memory

$\frac{12000}{100} = 120$

5 ms  
240 < 100 ms

CRI-O  
Containerd



- 1- docker images  
 2- docker pull <img-name>  
 3- docker run -t <img-name>  
 4- docker build      Ubuntu

- Container**
- ① docker run <img-name>
  - ② docker stop <Cont-ID>
  - ③ docker start "
  - ④ docker ps (list running)
  - ⑤ docker ps -q (list running)  
Num Running
  - ⑥ docker rm <Cont-ID>

docker pull ubuntu

