

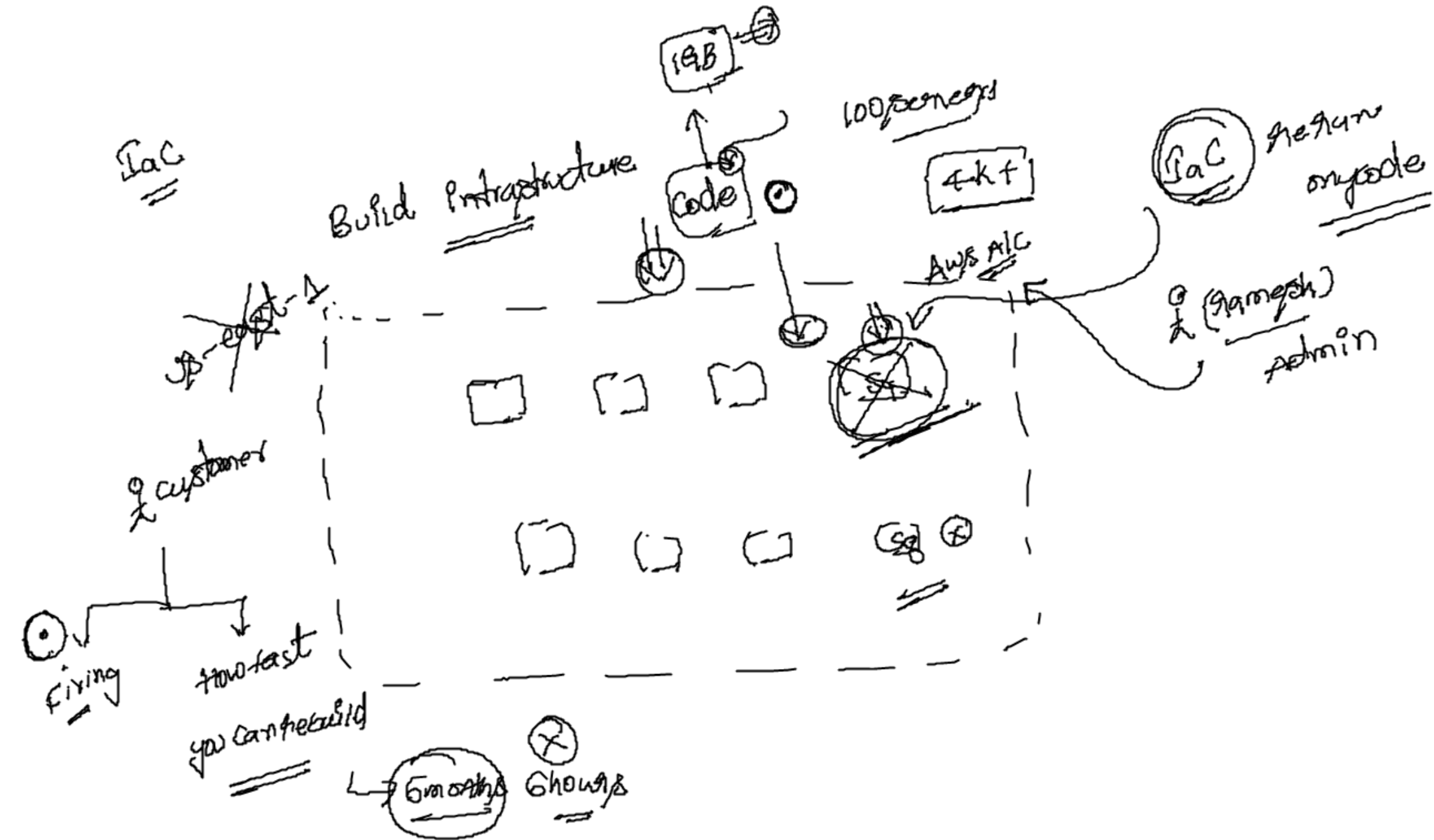
key

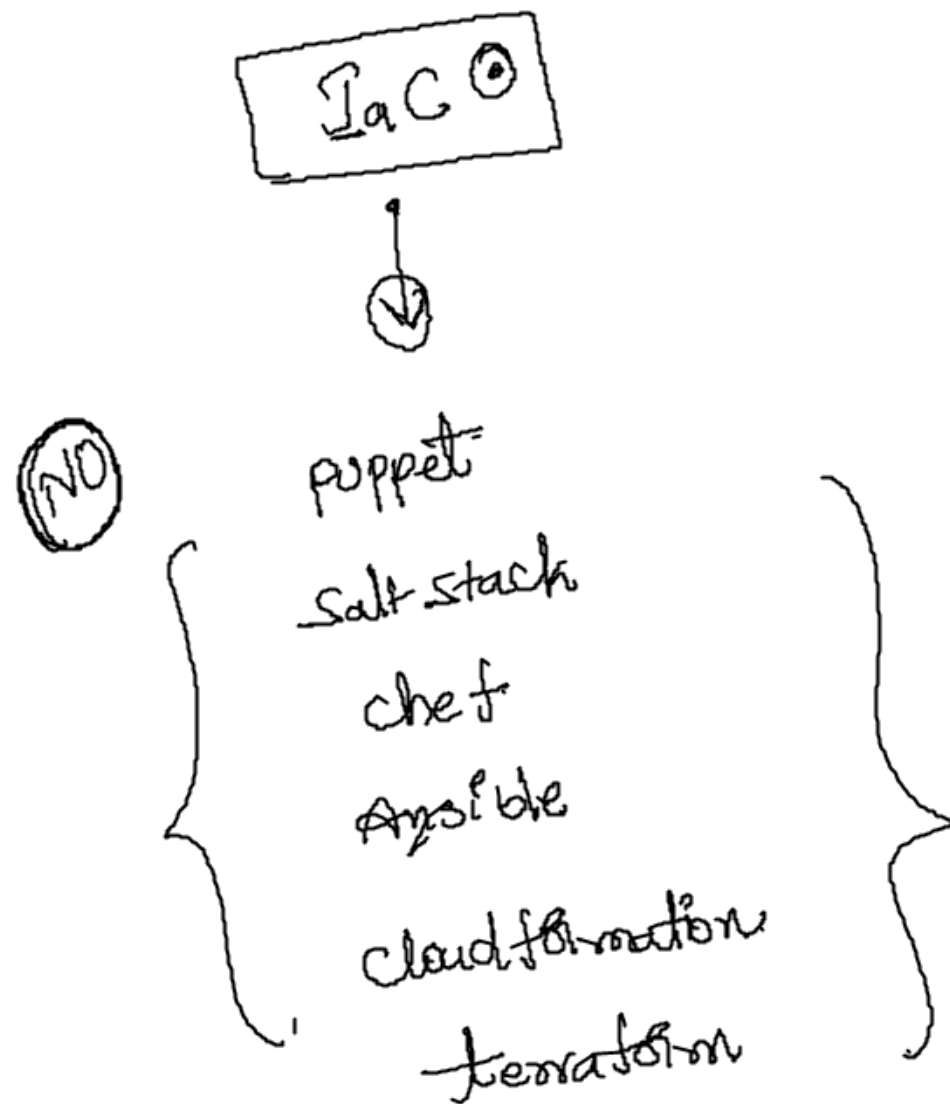
Terraform

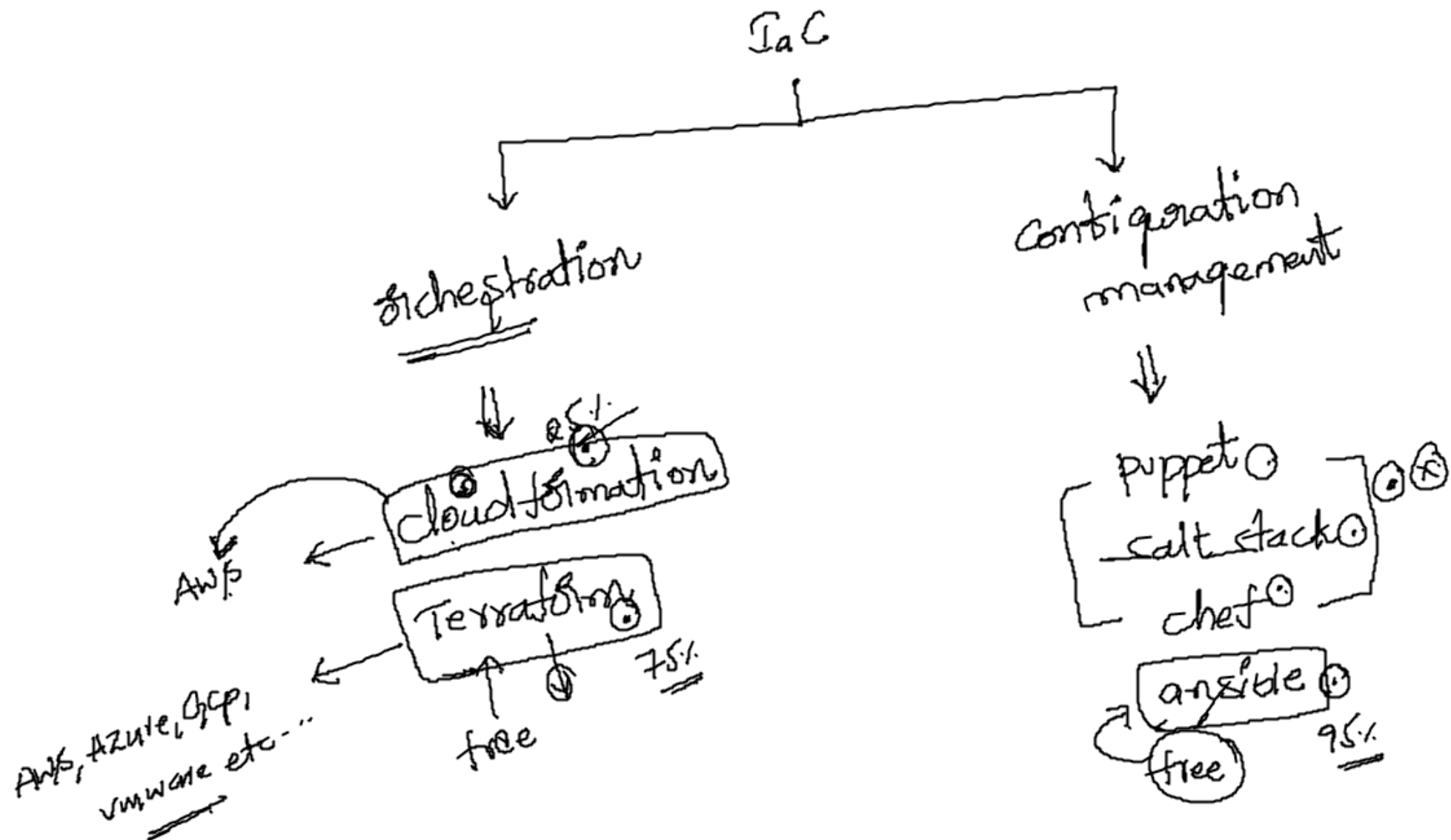


Infrastructure As a Code

1 Hour







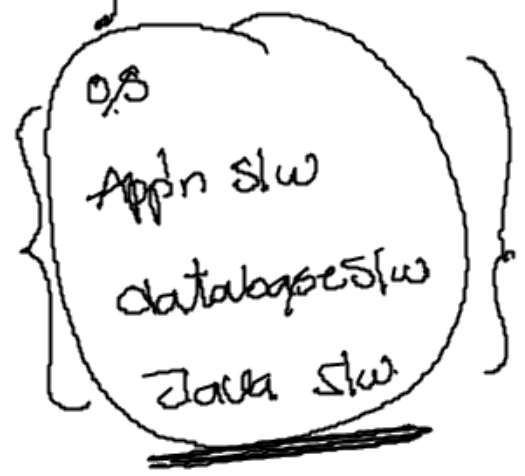
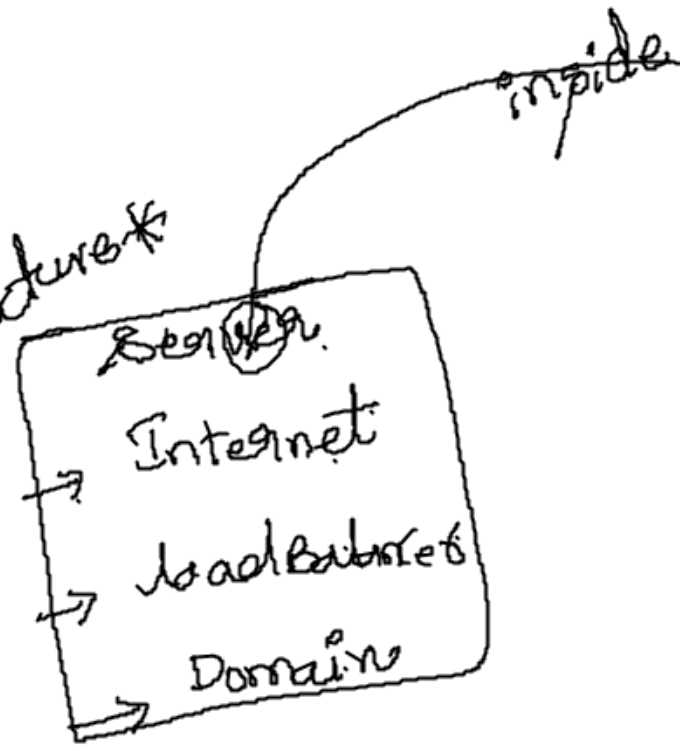
Run Website Java



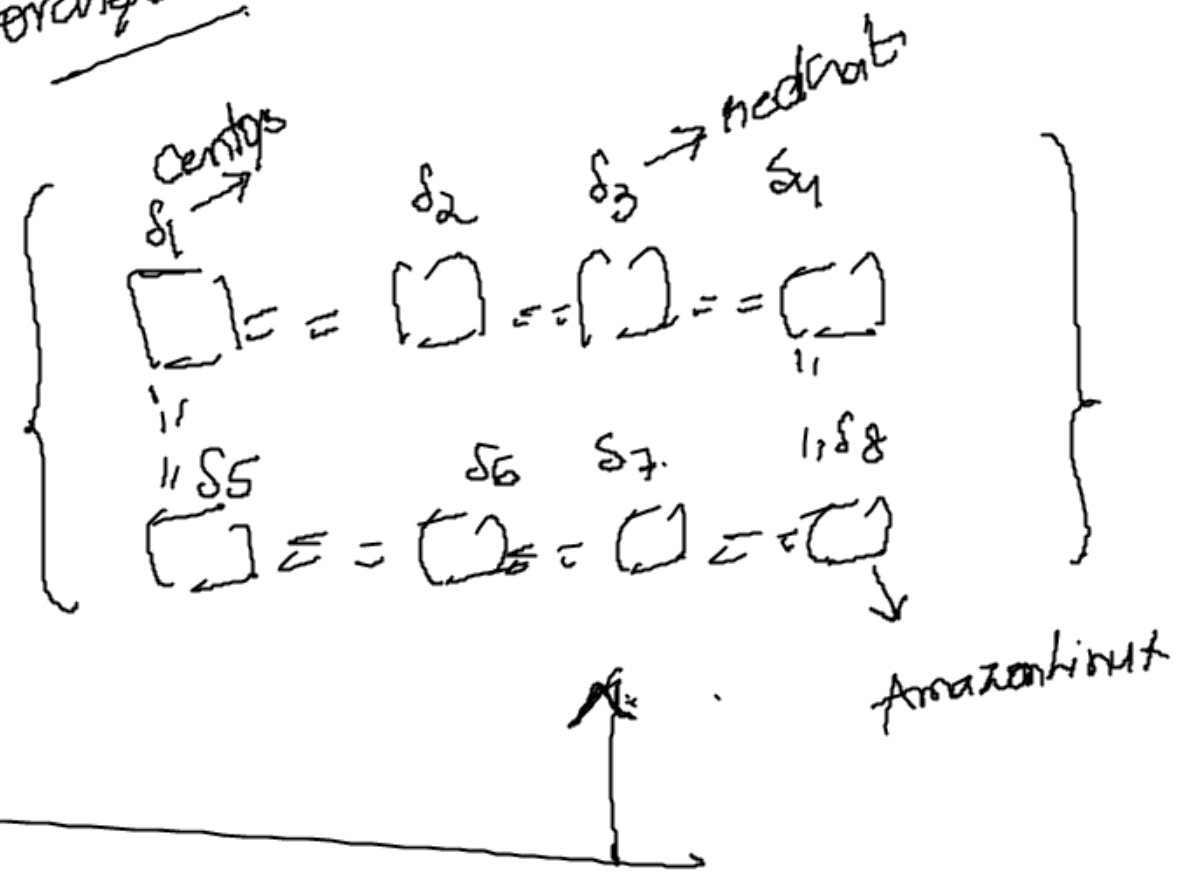
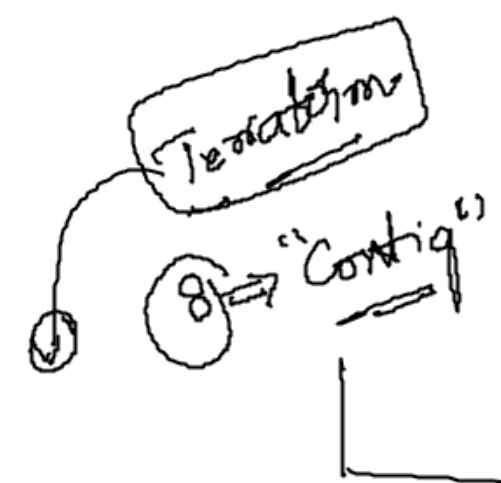
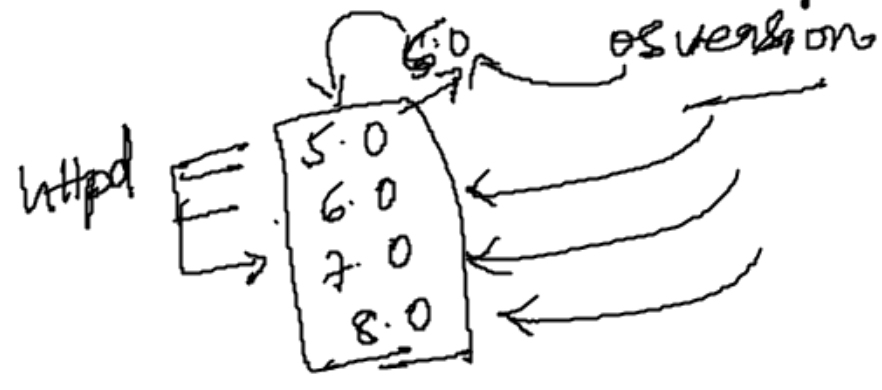
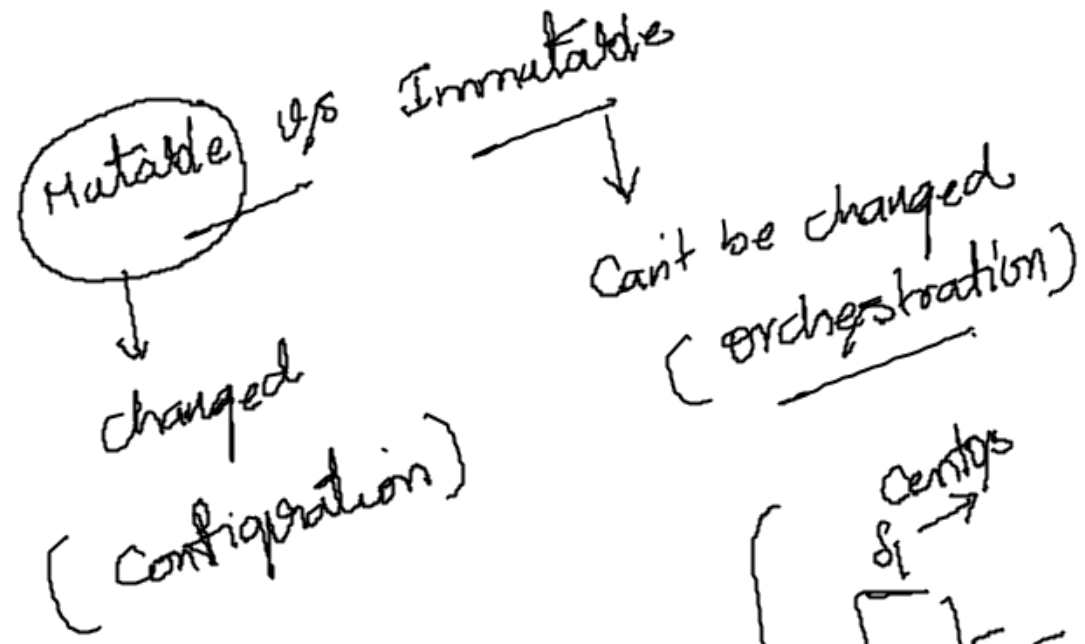
server  
o/s  
app server

Database Internet  
domain services  
load balancers

✓ \* Infrastructure \*  
orchestration  
tools



configuration  
mgmt tools ✓



procedural vs Declarative

#!usr/bin/python

a=20 ; b=30

add(a,b)

def add(x,y):

print x+y

Call

procedure

o/p

50

→ Error

→ 50

Ans (1)  
chekhrai  
k8s

→

→

→

→

→

Autoscaling

declarative

①

Intra

1. launch config
2. scaling policies
3. SNS
4. cloudwatch
5. Load Balancer
6. target groups

②

1. launch config
2. SNS
3. Load Balancer
4. target groups
5. scaling policies
6. cloudwatch



10 servers

15 servers

don't store previous status  
↑  
Ansible ⊙

10

15

25

store status ✓  
↑  
Terraform

10

15

15

Ansible



⬇️  
Idempotency

Python

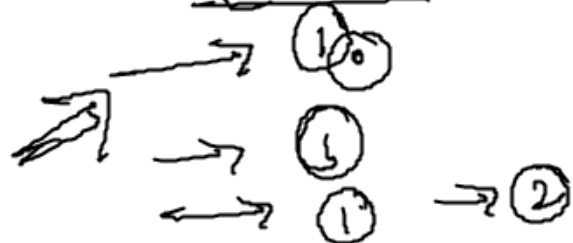


PC2



Creates all

Python create.py



??  
Python

PC2



create only desired ones

