INSTALLATION OF JENKINS IN UBUNTU EC2
INSTANCE:sudo apt update sudo wget -O
/usr/share/keyrings/jenkins-keyring.asc \
https://pkg.jenkins.io/debian-stable/jenkins.io-
2023.key

   echo deb [signed-by=/usr/share/keyrings/jenkins-keyring.asc] \
https://pkg.jenkins.io/debian-stable binary/ | sudo tee \
   /etc/apt/sources.list.d/jenkins.list > /dev/null

sudo apt-get update
   sudo apt-get install fontconfig openjdk-
17-jre   sudo apt-get install jenkins sudo
systemctl start jenkins sudo systemctl
enable jenkins sudo systemctl status
jenkins

KUBERNETES
SETUP:nano kube.sh
! /bin/bash sudo apt-
get update
sudo apt-get install -y apt-transport-https ca-certificates curl software-properties-common curl -fsSL
https://download.docker.com/linux/ubuntu/gpg | sudo apt-key add sudo add-apt-repository "deb
[arch=amd64] https://download.docker.com/linux/ubuntu $(lsb_release -cs) stable" sudo apt-get
update ; clear
sudo apt-get install -y docker-ce docker-ce-cli containerd.io docker-buildx-plugin docker-compose-
plugin

echo "deb http://apt.kubernetes.io/ kubernetes-xenial main" | sudo tee
/etc/apt/sources.list.d/kubernetes.list curl -s https://packages.cloud.google.com/apt/doc/apt-
key.gpg | sudo apt-key add sudo apt-get update ; clear
sudo apt-get install -y kubelet=1.23.0-00 kubeadm=1.23.0-00 kubectl=1.23.0-00

chmod +x kube.sh ./kube.sh sudo kubeadm init --ignore-preflight-errors=all kubectl apply -f

https://raw.githubusercontent.com/coreos/flannel/master/Documentation/kube-flannel.yml

kubectl get nodes

LOCALHOST:80 ISSUE TACKLE PROCESS

mkdir $HOME/.kube (in slave machine)
cd /etc/kubernetes
nano admin.conf
paste the admin.conf file of master machine in slave machine