Live DevOps Project for Resume - Jenkins CICD with GitHub Integration (Notes)

1) Create AWS EC2 instance
2) sudo apt update
3)   3 sudo apt install openjdk-11-jre
4)   4 java -version
5)   5 curl -fsSL https://pkg.jenkins.io/debian/jenkins.io.key | sudo tee \ /usr/share/keyrings/jenkins-keyring.asc > /dev/null
6)   6 echo deb [signed-by=/usr/share/keyrings/jenkins-keyring.asc] \ https://pkg.jenkins.io/debian binary/ | sudo tee \   /etc/apt/sources.list.d/jenkins.list > /dev/null
7)   7 sudo apt-get update
8)   8 sudo apt-get install jenkins
9)   9 sudo systemctl enable jenkins
10)   10 sudo systemctl start jenkins
11)   11 sudo systemctl status jenkins
12)   12 sudo cat /var/lib/jenkins/secrets/initialAdminPassword
13)   13 history
14) sudo apt install docker.io
15) FROM node:12.2.0-alpine
16) WORKDIR app
17) COPY . .
18) RUN npm install
19) EXPOSE 8000
20) CMD ["node","app.js"]
21) docker build . -t node-app
22) sudo usermod -a -G docker $USER
23) docker run -d --name node-todo-app -p 8000:8000 todo-node-app
24) Got to jenkins job
25) Execute shell
26) docker build . -t node-app-todo
27) docker run -d --name node-app-container -p 8000:8000 node-app-todo
28)