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 openidk-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 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)