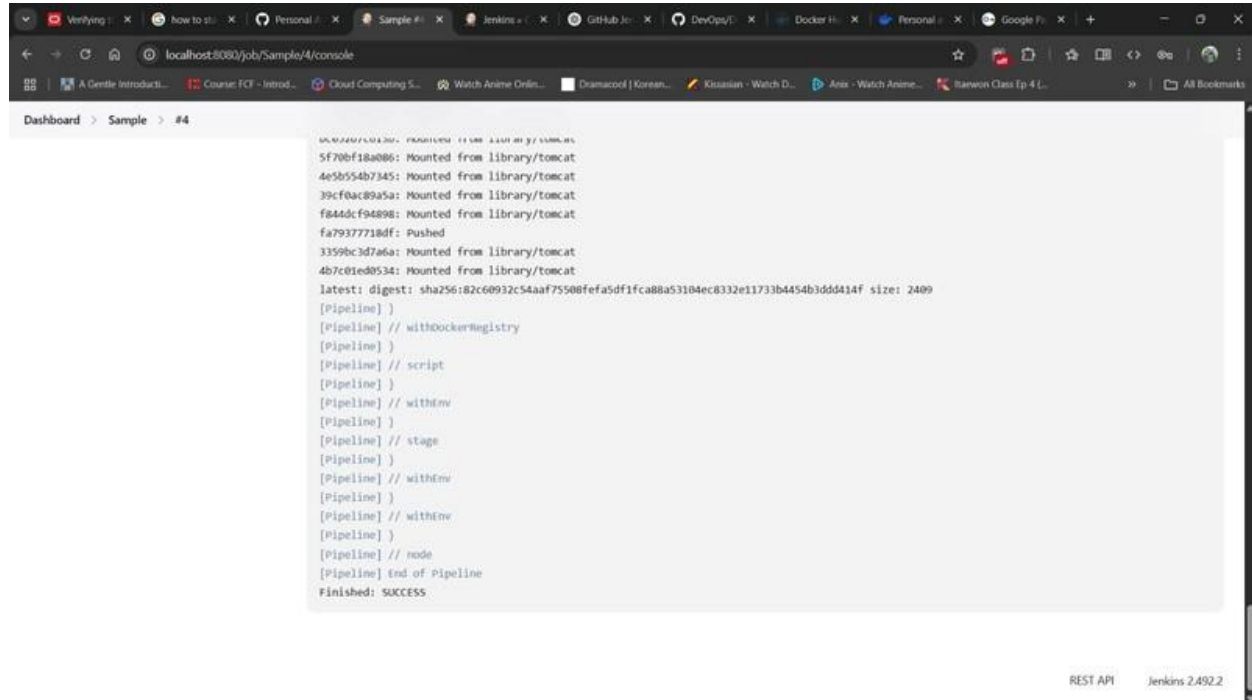


SAHASRAN– 22CSR167 III CSE C DevOps Day 2 – Automation using Jenkins push image from github to docker hub using jenkins automation



docker

```
# sudo apt install docker.io -y
# sudo service docker restart
# sudo service docker status

# sudo usermod -aG docker $USER
```

docker images

docker ps

```
# sudo chmod 666 /var/run/docker.sock curl -LO
```

```
https://dl.k8s.io/release/v1.32.0/bin/linux/amd64/kubectl sudo
```

```
install -o root -g root -m 0755 kubectl /usr/local/bin/kubectl
```

```
chmod +x kubectl
```

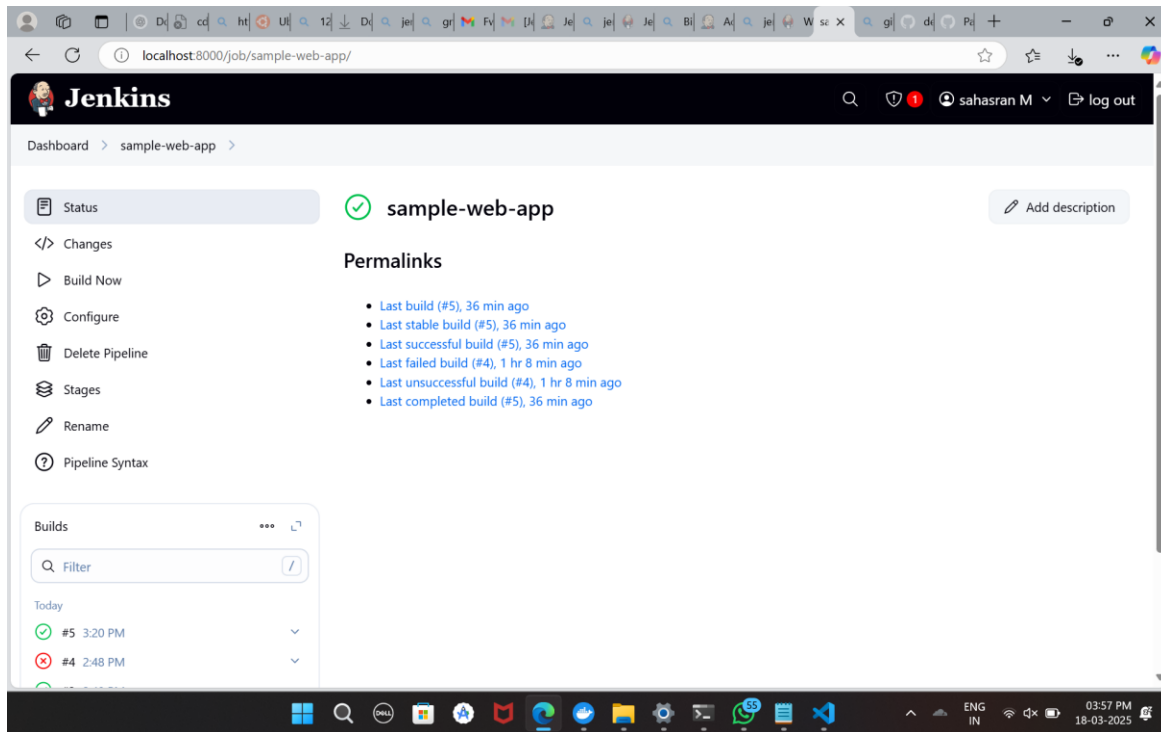
```
mkdir -p ~/.local/bin mv ./kubectl ~/.local/bin/kubectl kubectl
```

```
version --client udo install -o root -g root -m 0755 kubectl
```

```
/usr/local/bin/kubectl chmod +x kubectl mkdir -p ~/.local/bin
```

```
mv ./kubectl ~/.local/bin/kubectl
```

```
kubectl version --client
```



```

Pipeline code pipeline { agent any tools {maven "maven"} stages { stage('SCM') {
steps { git branch: 'master', url: 'https://github.com/Saran-Avinash/DevOps.git'
}
}
stage('Build') { steps { sh
'mvn clean package'
}
}
stage('build to images') { steps { script { sh 'docker
build -t saranavinashb/webapp1 .'
}
}
}
}

```

```
stage('push to hub') {  
    steps { script {  
        withDockerRegistry(credentialsId: 'docker_cred', toolName: 'docker', url:  
'https://index.docker.io/v1/') {  
            sh 'docker push saranavinashb/webapp1'  
        }  
    }  
}  
}
```

