

build.sh #!/bin/bash

docker build -t test1 .

deploy.sh #!/bin/bash

echo hi123

sh 'chmod +x build.sh'

sh './build.sh'

docker login -u

gobi9080377604 -p

dckr_pat_BVFA2aEatL12

F6ctw-EgNZ_slx8

docker tag test1

gobi9080377604/task2

docker push

gobi9080377604/task2

docker-compose up -d

docker-compose.yml

version: '3' services:

react-capstone:

image: "test1"

ports:

- "85:80"

pipeline {

agent any

stages {

stage('Build and Push Docker Image') {

steps {

```
        // Grant executable permissions to the build script
sh 'chmod +x deploy.sh'
```

```
        // Build the Docker image using the build script
```

```
sh './deploy.sh'
```

```
    }
```

```
}
```

```
}
```

```
}
```

Jenkinsfile

```
pipeline {
```

```
agent any
```

```
    stages {
```

```
        stage('Build and Push Docker Image') {
```

```
            steps {
```

```
                // Grant executable permissions to the build script
```

```
sh 'chmod +x deploy.sh'
```

```
                // Build the Docker image using the build script
```

```
sh './deploy.sh'
```

```
            }
```

```
        }
```

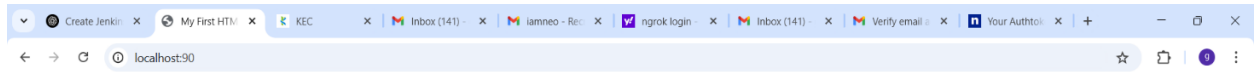
```
    }
```

```
}
```

```

Password:
root@Ubuntu:~# mkdir
mkdir: missing operand
Try 'mkdir --help' for more information.
root@Ubuntu:~# mkdir task2
root@Ubuntu:~# cd task2
root@Ubuntu:~/task2# nano Dockerfile
root@Ubuntu:~/task2# nano index.html
root@Ubuntu:~/task2# docker build -t test .
[+] Building 0.7s (7/7) FINISHED
=> [internal] load build definition from Dockerfile 0.1s
=> => transferring dockerfile: 280B 0.0s
=> [internal] load .dockerignore 0.1s
=> => transferring context: 2B 0.0s
=> [internal] load metadata for docker.io/library/nginx:latest 0.0s
=> [internal] load build context 0.1s
=> => transferring context: 144B 0.0s
=> CACHED [1/2] FROM docker.io/library/nginx:latest 0.0s
=> [2/2] COPY index.html /usr/share/nginx/html 0.1s
=> exporting to image 0.1s
=> => exporting layers 0.1s
=> => writing image sha256:01b6b69614ea5ccab7550d29a256a85f7a41455ed2ce 0.0s
=> => naming to docker.io/library/test 0.0s
root@Ubuntu:~/task2# docker images
REPOSITORY          TAG          IMAGE ID          CREATED           SIZE
test                latest       01b6b69614ea     8 seconds ago    192MB
test1               latest       62b5264aaa87     2 hours ago      195MB

```



```
localhost:8080/job/task2/13/console 80%
Dashboard > task2 > #13
1287fbecdfcc: Preparing
ad2f08e39a9d: Waiting
135f786ad046: Waiting
1287fbecdfcc: Waiting
aa82c57cd9fe: Layer already exists
d98dcc720ae0: Layer already exists
a9683c98757a: Layer already exists
03d9365bc5dc: Layer already exists
d26dc06ef910: Layer already exists
135f786ad046: Layer already exists
ad2f08e39a9d: Layer already exists
1287fbecdfcc: Layer already exists
latest: digest:
sha256:95c03c755b81a22a43173d5423bb369fd28fb8f852d98308618
3f3674006c8f3 size: 1988
task2_react-capstone_1 is up-to-date
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // node
[Pipeline] End of Pipeline
Finished: SUCCESS
```

