DOCKERFILE

**For Html:**

FROM nginx:alpine  
COPY . /usr/share/nginx/html

**For build html:**

docker build -t hospital:v1 .

sudo docker login

docker tag img:tagname dockerid/img name:tagname

docker push imagename

For pipeline in Jenkins:

pipeline {

agent any

stages {

stage('Cloning from git') {

steps {

checkout scmGit(branches: [[name: '\*/main']], extensions: [], userRemoteConfigs: [[credentialsId: 'github', url: 'https://github.com/engineerapurba96/html-hospital']])

}

}

stage('Build Docker Image') {

steps {

script {

sh 'sudo docker build -t apurbaranjan/hos-html .'

}

}

}

stage('push Docker image') {

steps {

script {

withCredentials([string(credentialsId: 'apurbaranjan', variable: 'dockerhubpwd')]) {

sh 'sudo docker login -u apurbaranjan -p ${dockerhubpwd}'

}

sh 'sudo docker push apurbaranjan/hos-html'

}

}

}

}

}

**Jenkins setup with Angular Project:**

pipeline {

    environment {

        registryCredential = 'dockerhub\_id'

        dockerImage = 'apurbaranjan/angular-app'

    }

    agent any

    stages {

        stage('Cloning our Git') {

            steps {

                git 'https://github.com/engineerapurba96/angular-docker'

            }

        }

        stage('Building our image') {

            steps {

                script {

                    dockerImage = docker.build dockerImage + ":$BUILD\_NUMBER"

                }

            }

        }

        stage('Deploy our image') {

            steps {

                script {

                    docker.withRegistry( '', registryCredential ) {

                        dockerImage.push()

                    }

                }

            }

        }

        stage('Cleaning up') {

           steps {

                sh "docker rmi $registry:$BUILD\_NUMBER"

            }

        }

    }

}

Follow <https://youtu.be/ShTC1u7_jew> (To Push docker image in docker hub)

**Nodejs**

Dockerfile:

FROM node:latest

WORKDIR /usr/src/app

COPY package\*.json ./

RUN npm install

COPY . .

EXPOSE 3000

CMD [ "node", "index.js" ]