**Ssh connection establishment & deployment to GCP**

**Jenkins script:**

|  |
| --- |
| node{ |
|  | stage('git checkout'){ |
|  | git 'https://github.com/Suchismita75/cicd-pipeline.git' |
|  | } |
|  | stage('build & test'){ |
|  | //sh 'mvn clean package' |
|  | def mavenHome = tool name: 'maven-3', type: 'maven' |
|  | def mavenCMD = "${mavenHome}/bin/mvn" |
|  | sh "${mavenCMD} clean package" |
|  | } |
|  | stage('build docker image'){ |
|  | sh 'docker build -t suchismitak75/war-test:1.0.0 .' |
|  | } |
|  | stage('push docker image to docker hub'){ |
|  | withCredentials([string(credentialsId: 'dockerHubPassword', variable: 'dockerHubPwd')]) { |
|  | sh "docker login -u suchismitak75 -p ${dockerHubPwd}" |
|  | } |
|  | sh 'docker push suchismitak75/war-test:1.0.0' |
|  | } |
|  | stage('run the docker image'){ |
|  | sh 'docker run -p 8889:8080 -d suchismitak75/war-test:1.0.0' |
|  | } |
|  | } |

* Running the docker containers





