GIT Assignment

1. Create a new maven project with default archetype.

Ans:

mvn archetype:generate -DarchetypeGroupId=org.apache.maven.archetypes -DarchetypeArtifactId=maven-archetype-quickstart -DarchetypeVersion=1.4 -DgroupId=com.kk

-DartifactId=mavenassignmentgit

1. Compile the project and generate jar/war file for the project using maven at command prompt.

Ans:

mvn compile package

1. Initialize the newly created project as a GIT repository

Ans:

git init

git add

1. Commit the repository to the internal GIT server
   * Ask your mentor for internal GIT URL to be used in assignment.

Ans:

git commit

git remote add origin <https://github.com/kparakkat/MavenGitAssignment.git>

git push -u origin master

1. Currently all files are committed to remote repository. Configure the local repository such that target folder is not committed from local repository to remote repository.

Ans:

git add .gitignore

git reset --hard origin/master

git push -u origin master

1. Delete the “target” folder from the remote repository which was committed in step 4.

Ans:

-- Removed the target folder

git add .

git commit

git push -u origin master

1. Create a new branch “welcomeapi” in the local repository.

git checkout -b welcomeapi

1. Make changes to the source code i.e. add a new url (/welcome) to the rest controller

Ans:

Added Tets.java

git commit -m "Added Test.java"

1. Now, push the change from local repository to remote repository in the branch “welcomeapi”

Ans:

git push -u origin master

1. You must not push these changes to main branch in remote repository.

Ans:

Not getting pushed

1. Locally, merge the changes done "welcomeapi" branch to main branch.

Ans:

git checkout master

git merge welcomeapi

1. Push the changes from local repository to remote repository.

Ans:

git push -u origin master

1. Once the changes are merged and pushed to the remote copy of repository on GIT server, delete the branch welcomeapi.

Ans:

git branch -d welcomeapi