**Gavin Ackerman 213039532 TP2**

1.

C:\Users\gavin.ackerman.MAXXOR\IdeaProjects\untitled1>git init

Initialized empty Git repository in C:/Users/gavin.ackerman.MAXXOR/IdeaProjects/untitled1/.git/

**A new git repository was initialised in the project folder.**

2.

C:\Users\gavin.ackerman.MAXXOR\IdeaProjects\untitled1\src\com\company>echo > test1.java

C:\Users\gavin.ackerman.MAXXOR\IdeaProjects\untitled1\src\com\company>git status

Untracked files:

(use "git add <file>..." to include in what will be committed)

../../../.idea/

../../../untitled1.iml

test1.java

3.

C:\Users\gavin.ackerman.MAXXOR\IdeaProjects\untitled1\src\com\company>git add test1.java

C:\Users\gavin.ackerman.MAXXOR\IdeaProjects\untitled1\src\com\company>git status

Changes to be committed:

(use "git rm --cached <file>..." to unstage)

new file: Main.java

new file: test1.java

Untracked files:

(use "git add <file>..." to include in what will be committed)

../../../.idea/

../../../untitled1.iml

**New file “test1.java” has been added/tracked and still needs to be committed.**

4.

C:\Users\gavin.ackerman.MAXXOR\IdeaProjects\untitled1\src\com\company>git commit test1.java -m "first file commit"

[master (root-commit) 94c73be] first file commit

1 file changed, 7 insertions(+)

create mode 100644 src/com/company/test1.java

C:\Users\gavin.ackerman.MAXXOR\IdeaProjects\untitled1\src\com\company>git status

On branch master

Changes to be committed:

(use "git reset HEAD <file>..." to unstage)

new file: Main.java

**The file named “test1.java” has been commit to the local repo and the other file “main.java” is still to be committed.**

5.

Untracked files:

(use "git add <file>..." to include in what will be committed)

../../../.idea/

../../../untitled1.iml

On branch master

Changes to be committed:

(use "git reset HEAD <file>..." to unstage)

new file: Main.java

5.

C:\Users\gavin.ackerman.MAXXOR\IdeaProjects\untitled1>echo > test2.java

C:\Users\gavin.ackerman.MAXXOR\IdeaProjects\untitled1>echo > test3.java

C:\Users\gavin.ackerman.MAXXOR\IdeaProjects\untitled1>echo > test4.java

C:\Users\gavin.ackerman.MAXXOR\IdeaProjects\untitled1>git status

Untracked files:

(use "git add <file>..." to include in what will be committed)

../../../.idea/

test2.java

test3.java

test4.java

../../../untitled1.iml

**The 3 new files that have been created have not yet been tracked or cmmited.**

**6.**

C:\Users\gavin.ackerman.MAXXOR\IdeaProjects\untitled1>echo "dfd" > test1.java

C:\Users\gavin.ackerman.MAXXOR\IdeaProjects\untitled1>git status

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git checkout -- <file>..." to discard changes in working directory)

modified: test1.java

Untracked files:

(use "git add <file>..." to include in what will be committed)

../../../.idea/

test2.java

test3.java

test4.java

../../../untitled1.iml

**The file “test1.java” has been modified and needs to be recommitted.**

7.

C:\Users\gavin.ackerman.MAXXOR\IdeaProjects\untitled1\src\com\company>git add test2.java

C:\Users\gavin.ackerman.MAXXOR\IdeaProjects\untitled1\src\com\company>git add test3.java

C:\Users\gavin.ackerman.MAXXOR\IdeaProjects\untitled1\src\com\company>git add test4.java

C:\Users\gavin.ackerman.MAXXOR\IdeaProjects\untitled1\src\com\company>git status

On branch master

Changes to be committed:

(use "git reset HEAD <file>..." to unstage)

new file: Main.java

new file: test2.java

new file: test3.java

new file: test4.java

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git checkout -- <file>..." to discard changes in working directory)

modified: test1.java

Untracked files:

(use "git add <file>..." to include in what will be committed)

../../../.idea/

../../../untitled1.iml

**The 3 new files that have been created have not been tracked and are ready to be committed.**

**8.**

C:\Users\gavin.ackerman.MAXXOR\IdeaProjects\untitled1\src\com\company>git commit test1.java -m "modified file"

[master b0d5543] modified file

1 file changed, 1 insertion(+)

Changes to be committed:

(use "git reset HEAD <file>..." to unstage)

new file: Main.java

new file: test2.java

new file: test3.java

new file: test4.java

Untracked files:

(use "git add <file>..." to include in what will be committed)

../../../.idea/

../../../untitled1.iml

**“test1.java” has now been recommitted after being modified.**

**9.**

C:\Users\gavin.ackerman.MAXXOR\IdeaProjects\untitled1\src\com\company>git status -s

A Main.java

A test2.java

A test3.java

A test4.java

?? ../../../.idea/

?? ../../../untitled1.iml

**12.**

C:\Users\gavin.ackerman.MAXXOR\IdeaProjects\untitled1\src\com\company>git rm test3.java

C:\Users\gavin.ackerman.MAXXOR\IdeaProjects\untitled1\src\com\company>git status

On branch master

Changes to be committed:

(use "git reset HEAD <file>..." to unstage)

new file: Main.java

new file: test2.java

new file: test4.java

**13.**

C:\Users\gavin.ackerman.MAXXOR\IdeaProjects\untitled1\src\com\company>git log

commit b0d5543f4c7ab445b8dd871d50dc74188f92635e

Author: gavin joel ackerman <gavin.j.ackerman@gmail.com>

Date: Sat Feb 27 14:59:33 2016 +0200

modified file

commit 94c73be00e02477f0f59dcd45ca70188ff4af387

Author: gavin joel ackerman <gavin.j.ackerman@gmail.com>

Date: Fri Feb 26 20:56:57 2016 +0200

first file commit

(END)

**14.**

C:\Users\gavin.ackerman.MAXXOR\Documents>git clone https://github.com/gavin24/testRepo1.git

Cloning into 'testRepo1'...

remote: Counting objects: 3, done.

remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0

Unpacking objects: 100% (3/3), done.

Checking connectivity... done.

C:\Users\gavin.ackerman.MAXXOR\Documents\testRepo1>git remote

Origin

**15.**

C:\Users\gavin.ackerman.MAXXOR\Documents>cd TestRepo1

C:\Users\gavin.ackerman.MAXXOR\Documents\testRepo1>echo > newFile.java

C:\Users\gavin.ackerman.MAXXOR\Documents\testRepo1>git add newFile.java

C:\Users\gavin.ackerman.MAXXOR\Documents\testRepo1>git commit newFile.java -m "new file being commited"

[master 5555498] new file being commited

1 file changed, 1 insertion(+)

create mode 100644 newFile.java

C:\Users\gavin.ackerman.MAXXOR\Documents\testRepo1>git push origin master

Username for 'https://github.com': gavin.j.ackerman@gmail.com

Password for 'https://gavin.j.ackerman@gmail.com@github.com':

Counting objects: 3, done.

Delta compression using up to 4 threads.

Compressing objects: 100% (2/2), done.

Writing objects: 100% (3/3), 305 bytes | 0 bytes/s, done.

Total 3 (delta 0), reused 0 (delta 0)

To https://github.com/gavin24/testRepo1.git

30b725d..5555498 master -> master

**Question 4**

C:\Users\gavin.ackerman.MAXXOR\Documents>cd testRepo1

C:\Users\gavin.ackerman.MAXXOR\Documents\testRepo1>git tag v.01 5555498 -m "new commit tag"

C:\Users\gavin.ackerman.MAXXOR\Documents\testRepo1>git status

On branch master

Your branch is up-to-date with 'origin/master'.

Changes to be committed:

(use "git reset HEAD <file>..." to unstage)

new file: tagFile1.java

new file: tagFile2.java

C:\Users\gavin.ackerman.MAXXOR\Documents\testRepo1>git commit tagFile1.java -m "tag file 1 commit"

[master 5981c1a] tag file 1 commit

1 file changed, 1 insertion(+)

create mode 100644 tagFile1.java

C:\Users\gavin.ackerman.MAXXOR\Documents\testRepo1>git tag v.1.0 5981c1a -m "tag file 1 intial tag"

C:\Users\gavin.ackerman.MAXXOR\Documents\testRepo1>git commit tagFile2.java -m "tag file 2 commit"

[master 7b7f83f] tag file 2 commit

1 file changed, 1 insertion(+)

create mode 100644 tagFile2.java

Username for 'https://github.com': gavin.j.ackerman@gmail.com

Password for 'https://gavin.j.ackerman@gmail.com@github.com':

Counting objects: 4, done.

Delta compression using up to 4 threads.

Compressing objects: 100% (4/4), done.

Writing objects: 100% (4/4), 465 bytes | 0 bytes/s, done.

Total 4 (delta 1), reused 0 (delta 0)

To https://github.com/gavin24/testRepo1.git

5555498..7b7f83f master -> master

**Question 5**

C:\Users\gavin.ackerman.MAXXOR\Documents\testRepo1>git branch newTestBranch

C:\Users\gavin.ackerman.MAXXOR\Documents\testRepo1>git checkout newTestBranch

Switched to branch 'newTestBranch'

C:\Users\gavin.ackerman.MAXXOR\Documents\testRepo1>echo > testbranch1.java

C:\Users\gavin.ackerman.MAXXOR\Documents\testRepo1>git add testbranch1.java

C:\Users\gavin.ackerman.MAXXOR\Documents\testRepo1>git commit testbranch1.java -m "new branch commit"

[newTestBranch 95a8928] new branch commit

1 file changed, 1 insertion(+)

create mode 100644 testbranch1.java

C:\Users\gavin.ackerman.MAXXOR\Documents\testRepo1>git push origin newTestBranch

Username for 'https://github.com': gavin.j.ackerman@gmail.com

Password for 'https://gavin.j.ackerman@gmail.com@github.com':

Total 0 (delta 0), reused 0 (delta 0)

To https://github.com/gavin24/testRepo1.git

\* [new branch] newTestBranch -> newTestBranch

C:\Users\gavin.ackerman.MAXXOR\Documents\testRepo1>git checkout master

Switched to branch 'master'

Your branch is up-to-date with 'origin/master'.

C:\Users\gavin.ackerman.MAXXOR\Documents\testRepo1>git merge newTestBranch

Updating 7b7f83f..95a8928

Fast-forward

testbranch1.java | 1 +

1 file changed, 1 insertion(+)

create mode 100644 testbranch1.java

C:\Users\gavin.ackerman.MAXXOR\Documents\testRepo1>git status

On branch master

Your branch is ahead of 'origin/master' by 1 commit.

(use "git push" to publish your local commits)

nothing to commit, working directory clean

**Question 6**

:\Users\gavin.ackerman.MAXXOR\Documents>cd RebaseRepo

C:\Users\gavin.ackerman.MAXXOR\Documents\RebaseRepo>echo > t1.java

C:\Users\gavin.ackerman.MAXXOR\Documents\RebaseRepo>echo > t2.java

C:\Users\gavin.ackerman.MAXXOR\Documents\RebaseRepo>git add t1.java

C:\Users\gavin.ackerman.MAXXOR\Documents\RebaseRepo>git t2.java

git: 't2.java' is not a git command. See 'git --help'.

C:\Users\gavin.ackerman.MAXXOR\Documents\RebaseRepo>git add t2.java

C:\Users\gavin.ackerman.MAXXOR\Documents\RebaseRepo>git commit t1.java -m "t1 commit v1"

[master (root-commit) 1fe19c4] t1 commit v1

1 file changed, 1 insertion(+)

create mode 100644 t1.java

C:\Users\gavin.ackerman.MAXXOR\Documents\RebaseRepo>git commit t2.java -m "t2 commit v1"

[master 2e5926a] t2 commit v1

1 file changed, 1 insertion(+)

create mode 100644 t2.java

C:\Users\gavin.ackerman.MAXXOR\Documents\RebaseRepo>git push origin master

Username for 'https://github.com': gavin.j.ackerman@gmail.com

Password for 'https://gavin.j.ackerman@gmail.com@github.com':

Counting objects: 5, done.

Delta compression using up to 4 threads.

Compressing objects: 100% (3/3), done.

Writing objects: 100% (5/5), 403 bytes | 0 bytes/s, done.

Total 5 (delta 1), reused 0 (delta 0)

To <https://github.com/gavin24/RebaseRepo.git>

C:\Users\gavin.ackerman.MAXXOR\Documents\RebaseRepo>git branch newBranch

C:\Users\gavin.ackerman.MAXXOR\Documents\RebaseRepo>git checkout newBranch

Switched to branch 'newBranch'

C:\Users\gavin.ackerman.MAXXOR\Documents\RebaseRepo>echo "new changes" > t2.java

:\Users\gavin.ackerman.MAXXOR\Documents\RebaseRepo>git status

On branch newBranch

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git checkout -- <file>..." to discard changes in working directory)

modified: t2.java

no changes added to commit (use "git add" and/or "git commit -a")

C:\Users\gavin.ackerman.MAXXOR\Documents\RebaseRepo>git add t2.java

C:\Users\gavin.ackerman.MAXXOR\Documents\RebaseRepo>git commit t2.java -m "modification"

[newBranch 27c45b6] modification

1 file changed, 1 insertion(+), 1 deletion(-)

C:\Users\gavin.ackerman.MAXXOR\Documents\RebaseRepo>git push origin newBranch

Username for 'https://github.com': gavin.j.ackerman@gmail.com

Password for 'https://gavin.j.ackerman@gmail.com@github.com':

Counting objects: 3, done.

Delta compression using up to 4 threads.

Delta compression using up to 4 threads.

Compressing objects: 100% (2/2), done.

Writing objects: 100% (3/3), 290 bytes | 0 bytes/s, done.

Total 3 (delta 0), reused 0 (delta 0)

To https://github.com/gavin24/RebaseRepo.git

\* [new branch] newBranch -> newBranch

C:\Users\gavin.ackerman.MAXXOR\Documents\RebaseRepo>git rebase newBranch

First, rewinding head to replay your work on top of it...

Fast-forwarded master to newBranch.

C:\Users\gavin.ackerman.MAXXOR\Documents\RebaseRepo>git status

On branch master

Your branch is ahead of 'origin/master' by 1 commit.

(use "git push" to publish your local commits)

nothing to commit, working directory clean

C:\Users\gavin.ackerman.MAXXOR\Documents\RebaseRepo>git push origin master

Username for 'https://github.com': gavin.j.ackerman@gmail.com

Password for 'https://gavin.j.ackerman@gmail.com@github.com':

Total 0 (delta 0), reused 0 (delta 0)

To <https://github.com/gavin24/RebaseRepo.git>