Lab book:

(1.1)

Spoorthy@DESKTOP-9PSNRIN MINGW64 /d/Devops/Git

$ mkdir B

Spoorthy@DESKTOP-9PSNRIN MINGW64 /d/Devops/Git

$ mkdir C

Spoorthy@DESKTOP-9PSNRIN MINGW64 /d/Devops/Git

$ mkdir d

Spoorthy@DESKTOP-9PSNRIN MINGW64 /d/Devops/Git

$ mkdir D

Spoorthy@DESKTOP-9PSNRIN MINGW64 /d/Devops/Git

$ git init D:/Devops/Git/B

Initialized empty Git repository in D:/Devops/Git/B/.git/

Spoorthy@DESKTOP-9PSNRIN MINGW64 /d/Devops/Git

$ git init D:/Devops/Git/C

Initialized empty Git repository in D:/Devops/Git/C/.git/

Spoorthy@DESKTOP-9PSNRIN MINGW64 /d/Devops/Git

$ git init d/Devops/Git/D

Initialized empty Git repository in D:/Devops/Git/D/Devops/Git/D/.git/

1.2:

Spoorthy@DESKTOP-9PSNRIN MINGW64 /d/Devops/Git/B (master)

$ start notepad info.txt

Spoorthy@DESKTOP-9PSNRIN MINGW64 /d/Devops/Git/B (master)

$ git add info.txt

Spoorthy@DESKTOP-9PSNRIN MINGW64 /d/Devops/Git/B (master)

$ git commit -m "Info text added"

[master (root-commit) dc8f8ac] Info text added

1 file changed, 0 insertions(+), 0 deletions(-)

create mode 100644 info.txt

Spoorthy@DESKTOP-9PSNRIN MINGW64 /d/Devops/Git/B (master)

$ git branch Development

Spoorthy@DESKTOP-9PSNRIN MINGW64 /d/Devops/Git/B (master)

$ git branch Testing

Spoorthy@DESKTOP-9PSNRIN MINGW64 /d/Devops/Git/B (master)

$ git remote add origin <https://github.com/Spoorthy20/A.git>

Spoorthy@DESKTOP-9PSNRIN MINGW64 /d/Devops/Git/B (master)

$ git push origin --all

Enumerating objects: 3, done.

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

Writing objects: 100% (3/3), 221 bytes | 221.00 KiB/s, done.

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

To <https://github.com/Spoorthy20/A.git>

\* [new branch] Development -> Development

\* [new branch] Testing -> Testing

\* [new branch] master -> master

1.3 :

Spoorthy@DESKTOP-9PSNRIN MINGW64 /d/Devops/Git/C (master)

$ git remote add origin <https://github.com/Spoorthy20/A.git>

Spoorthy@DESKTOP-9PSNRIN MINGW64 /d/Devops/Git/C (master)

$ git pull origin Development

remote: Enumerating objects: 3, done.

remote: Counting objects: 100% (3/3), done.

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

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

From <https://github.com/Spoorthy20/A>

\* branch Development -> FETCH\_HEAD

\* [new branch] Development -> origin/Development

Spoorthy@DESKTOP-9PSNRIN MINGW64 /d/Devops/Git/C (master)

$ git remote add origin <https://github.com/Spoorthy20/A.git>

fatal: remote origin already exists.

Spoorthy@DESKTOP-9PSNRIN MINGW64 /d/Devops/Git/C (master)

$ git pull origin Testing

From <https://github.com/Spoorthy20/A>

\* branch Testing -> FETCH\_HEAD

\* [new branch] Testing -> origin/Testing

Already up to date.

1.4 :

Spoorthy@DESKTOP-9PSNRIN MINGW64 /d/Devops/Git/D (master)

$ start notepad MyJUnitTestCase.txt

Spoorthy@DESKTOP-9PSNRIN MINGW64 /d/Devops/Git/D (master)

$ git add MyJUnitTestCase.txt

Spoorthy@DESKTOP-9PSNRIN MINGW64 /d/Devops/Git/D (master)

$ git stage MyJUnitTestCase.txt

Spoorthy@DESKTOP-9PSNRIN MINGW64 /d/Devops/Git/D (master)

$ git commit -m "JUnit test file"

[master 0c97c8a] JUnit test file

1 file changed, 0 insertions(+), 0 deletions(-)

create mode 100644 MyJUnitTestCase.txt

Spoorthy@DESKTOP-9PSNRIN MINGW64 /d/Devops/Git/C (master)

$ start notepad MyJavaCode.txt

Spoorthy@DESKTOP-9PSNRIN MINGW64 /d/Devops/Git/C (master)

$ git add MyJavaCode.txt

Spoorthy@DESKTOP-9PSNRIN MINGW64 /d/Devops/Git/C (master)

$ git stage MyJavaCode.txt

Spoorthy@DESKTOP-9PSNRIN MINGW64 /d/Devops/Git/C (master)

$ git commit -m "Java Code text file"

[master 6dc0f3e] Java Code text file

1 file changed, 0 insertions(+), 0 deletions(-)

create mode 100644 MyJavaCode.txt

Spoorthy@DESKTOP-9PSNRIN MINGW64 /d/Devops/Git/D (master)

$ git remote add temp /d/Vijay/Devops/Git/C

Spoorthy@DESKTOP-9PSNRIN MINGW64 /d/Devops/Git/D (master)

$ git fetch temp

remote: Enumerating objects: 3, done.

remote: Counting objects: 100% (3/3), done.

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

remote: Total 2 (delta 0), reused 0 (delta 0)

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

From D:/Vijay/Devops/Git/C

\* [new branch] master -> temp/master

Spoorthy@DESKTOP-9PSNRIN MINGW64 /d/Devops/Git/D (master)

$ git merge temp/master

Merge made by the 'recursive' strategy.

MyJavaCode.txt | 0

1 file changed, 0 insertions(+), 0 deletions(-)

create mode 100644 MyJavaCode.txt

1.5 :

Spoorthy@DESKTOP-9PSNRIN MINGW64 /d/Devops/Git/D (master)

$ cat>>MyJavaCode.txt

Changes are made here

These may not be permanent

[2]+ Stopped cat >> MyJavaCode.txt

Spoorthy@DESKTOP-9PSNRIN MINGW64 /d/Devops/Git/D (master)

$ git stage MyJavaCode.txt

warning: LF will be replaced by CRLF in MyJavaCode.txt.

The file will have its original line endings in your working directory

Spoorthy@DESKTOP-9PSNRIN MINGW64 /d/Devops/Git/D (master)

$ git commit -m "Changed Java Code File"

[master 154d319] Changed Java Code File

1 file changed, 2 insertions(+)

Spoorthy@DESKTOP-9PSNRIN MINGW64 /d/Devops/Git/D (master)

$ git push origin master

Enumerating objects: 10, done.

Counting objects: 100% (10/10), done.

Delta compression using up to 8 threads

Compressing objects: 100% (8/8), done.

Writing objects: 100% (9/9), 952 bytes | 190.00 KiB/s, done.

Total 9 (delta 3), reused 0 (delta 0)

remote: Resolving deltas: 100% (3/3), done.

To <https://github.com/Spoorthy20/A>

97f30a3..154d319 master -> master

Spoorthy@DESKTOP-9PSNRIN MINGW64 /d/Devops/Git/C (master)

$ git pull origin master

remote: Enumerating objects: 10, done.

remote: Counting objects: 100% (10/10), done.

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

remote: Total 7 (delta 2), reused 6 (delta 2), pack-reused 0

Unpacking objects: 100% (7/7), done.

From <https://github.com/Spoorthy20/A>

\* branch master -> FETCH\_HEAD

\* [new branch] master -> origin/master

Updating cf83836..154d319

Fast-forward

MyJUnitTestCase.txt | 0

MyJavaCode.txt | 2 ++

2 files changed, 2 insertions(+)

create mode 100644 MyJUnitTestCase.txt

Spoorthy@DESKTOP-9PSNRIN MINGW64 /d/Devops/Git/C (master)

$ git commit MyJavaCode.txt

[master acd47de] "Changes have been removed"

1 file changed, 2 deletions(-)

Spoorthy@DESKTOP-9PSNRIN MINGW64 /d/Devops/Git/C (master)

$ git push origin master

Enumerating objects: 3, done.

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

Delta compression using up to 8 threads

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

Writing objects: 100% (2/2), 245 bytes | 122.00 KiB/s, done.

Total 2 (delta 1), reused 0 (delta 0)

remote: Resolving deltas: 100% (1/1), completed with 1 local object.

To <https://github.com/Spoorthy20/A>

154d319..acd47de master -> master

1.6 :

Spoorthy@DESKTOP-9PSNRIN MINGW64 /d/Devops/Git/C (master)

$ git pull origin master

From <https://github.com/Spoorthy20/A>

\* branch master -> FETCH\_HEAD

fatal: refusing to merge unrelated histories

Spoorthy@DESKTOP-9PSNRIN MINGW64 /d/Devops/Git/C (master)

$ git remote add backup <https://github.com/Spoorthy20/E.git>

Spoorthy@DESKTOP-9PSNRIN MINGW64 /d/Devops/Git/C (master)

$ git push backup master

Enumerating objects: 5, done.

Counting objects: 100% (5/5), done.

Delta compression using up to 8 threads

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

Writing objects: 100% (5/5), 454 bytes | 227.00 KiB/s, done.

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

To <https://github.com/Spoorthy20/E.git>

\* [new branch] master -> master

Spoorthy@DESKTOP-9PSNRIN MINGW64 /d/Devops/Git/C (master)

$ start notepad Source2.java

Spoorthy@DESKTOP-9PSNRIN MINGW64 /d/Devops/Git/C (master)

$ git add Source2.java

Spoorthy@DESKTOP-9PSNRIN MINGW64 /d/Devops/Git/C (master)

$ git stage Source2.java

Spoorthy@DESKTOP-9PSNRIN MINGW64 /d/Devops/Git/C (master)

$ git commit -m "Source java file"

[master 80eb9a0] Source java file

1 file changed, 0 insertions(+), 0 deletions(-)

create mode 100644 Source2.java

Spoorthy@DESKTOP-9PSNRIN MINGW64 /d/Devops/Git/C (master)

$ git push backup master

Enumerating objects: 3, done.

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

Delta compression using up to 8 threads

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

Writing objects: 100% (2/2), 250 bytes | 250.00 KiB/s, done.

Total 2 (delta 1), reused 0 (delta 0)

remote: Resolving deltas: 100% (1/1), completed with 1 local object.

To <https://github.com/Spoorthy20/E.git>

acd47de..80eb9a0 master -> master

Spoorthy@DESKTOP-9PSNRIN MINGW64 /d/Devops/Git/C (master)

$ start notepad HttpdTest.txt

Spoorthy@DESKTOP-9PSNRIN MINGW64 /d/Devops/Git/C (master)

$ git add HttpdTest.txt

Spoorthy@DESKTOP-9PSNRIN MINGW64 /d/Devops/Git/C (master)

$ git stage HttpdTest.txt

Spoorthy@DESKTOP-9PSNRIN MINGW64 /d/Devops/Git/C (master)

$ git commit -m "Http test file"

[master 551732b] Http test file

1 file changed, 0 insertions(+), 0 deletions(-)

create mode 100644 HttpdTest.txt

Spoorthy@DESKTOP-9PSNRIN MINGW64 /d/Devops/Git/C (master)

$ git remote add backup <https://github.com/Spoorthy20/E.git>

Spoorthy@DESKTOP-9PSNRIN MINGW64 /d/Devops/Git/C (master)

$ git pull backup master

remote: Enumerating objects: 5, done.

remote: Counting objects: 100% (5/5), done.

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

remote: Total 4 (delta 2), reused 2 (delta 1), pack-reused 0

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

From <https://github.com/Spoorthy20/E.git>

\* branch master -> FETCH\_HEAD

\* [new branch] master -> backup/master

Merge made by the 'recursive' strategy.

MyJavaCode.txt | 2 --

Source2.java | 0

2 files changed, 2 deletions(-)

create mode 100644 Source2.java

Spoorthy@DESKTOP-9PSNRIN MINGW64 /d/Devops/Git/C (master)

$ git push backup master

Enumerating objects: 6, done.

Counting objects: 100% (6/6), done.

Delta compression using up to 8 threads

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

Writing objects: 100% (4/4), 540 bytes | 270.00 KiB/s, done.

Total 4 (delta 2), reused 0 (delta 0)

remote: Resolving deltas: 100% (2/2), completed with 1 local object.

To <https://github.com/Spoorthy20/E.git>

80eb9a0..6946c64 master -> master

Spoorthy@DESKTOP-9PSNRIN MINGW64 /d/Devops/Git/C (master)

$ git pull origin master

From <https://github.com/Spoorthy20/E.git>

\* branch master -> FETCH\_HEAD

154d319..acd47de master -> origin/master

Already up to date.

Spoorthy@DESKTOP-9PSNRIN MINGW64 /d/Devops/Git/C (master)

$ git push origin master

Enumerating objects: 8, done.

Counting objects: 100% (8/8), done.

Delta compression using up to 8 threads

Compressing objects: 100% (6/6), done.

Writing objects: 100% (6/6), 796 bytes | 265.00 KiB/s, done.

Total 6 (delta 3), reused 0 (delta 0)

remote: Resolving deltas: 100% (3/3), completed with 1 local object.

To <https://github.com/Spoorthy20/E.git>

acd47de..6946c64 master -> master