

GIT ASSIGNMENT

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CLASS : *BSCS V - FALL 2017*

SUBJECT: *Software Engineering*

TEACHER: *Sir Ahmed Mohsin*

Exercise - 0

MINGW64:/c/Users/Probook

```
Probook@DESKTOP-PM7VATP MINGW64 ~
$ git init
Initialized empty Git repository in C:/Users/Probook/.git/

Probook@DESKTOP-PM7VATP MINGW64 ~ (master)
$ git add README.txt

Probook@DESKTOP-PM7VATP MINGW64 ~ (master)
$ git commit -m "Commit-1 : Added README.txt"

*** Please tell me who you are.

Run

  git config --global user.email "you@example.com"
  git config --global user.name "Your Name"

to set your account's default identity.
Omit --global to set the identity only in this repository.

fatal: unable to auto-detect email address (got 'Probook@DESKTOP-PM7VATP.(none)')

Probook@DESKTOP-PM7VATP MINGW64 ~ (master)
$ git config user.email "ahmed.jamil112233@gmail.com"

Probook@DESKTOP-PM7VATP MINGW64 ~ (master)
$ git config user.name "Ahmed Jamil"

Probook@DESKTOP-PM7VATP MINGW64 ~ (master)
$ git commit -m "Commit-1 : Added README.txt"
[master (root-commit) 9583c0d] Commit-1 : Added README.txt
 1 file changed, 1 insertion(+)
 create mode 100644 README.txt

Probook@DESKTOP-PM7VATP MINGW64 ~ (master)
$ git remote add origin https://github.com/AhmedJamil-GitHub/Duplicate-Number-Search.git

Probook@DESKTOP-PM7VATP MINGW64 ~ (master)
$ git push origin master
Counting objects: 3, done.
Delta compression using up to 4 threads.
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 288 bytes | 288.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0)
To https://github.com/AhmedJamil-GitHub/Duplicate-Number-Search.git
 * [new branch]      master -> master
```

```
Probook@DESKTOP-PM7VATP MINGW64 ~ (master)
$ git add Duplicate Number Search.cpp
fatal: pathspec 'Duplicate' did not match any files

Probook@DESKTOP-PM7VATP MINGW64 ~ (master)
$ git add 'Duplicate Number Search.cpp'
```

```

Probook@DESKTOP-PM7VATP MINGW64 ~ (master)
$ git commit -m "Added duplicate number search source code c++"
[master cddd154] Added duplicate number search source code c++
1 file changed, 52 insertions(+)
create mode 100644 Duplicate Number Search.cpp

Probook@DESKTOP-PM7VATP MINGW64 ~ (master)
$ git push -u origin master
Counting objects: 3, done.
Delta compression using up to 4 threads.
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 760 bytes | 760.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0)
To https://github.com/AhmedJamil-GitHub/Duplicate-Number-Search.git
9583c0d..cddd154 master -> master
Branch master set up to track remote branch master from origin.

Probook@DESKTOP-PM7VATP MINGW64 ~ (master)
$ |

```

GitHub, Inc. [US]
https://github.com/AhmedJamil-GitHub/Duplicate-Number-Search

This repository
Search
Pull requests
Issues
Marketplace
Explore
+

AhmedJamil-GitHub / Duplicate-Number-Search
Watch 0
Star 0
Fork 0

Code
Issues 0
Pull requests 0
Projects 0
Wiki
Settings
Insights

No description, website, or topics provided.
Edit
Add topics

2 commits
1 branch
0 releases
1 contributor

Branch: master
New pull request
Create new file
Upload files
Find file
Clone or download

AhmedJamil-GitHub Added duplicate number search source code c++
Latest commit cddd154 9 minutes ago

Duplicate Number Search.cpp
Added duplicate number search source code c++
9 minutes ago

README.txt
Commit-1 : Added README.txt
17 minutes ago

README.txt

This is a sample documentation for duplicate number search.

Exercise - 1

MINGW64:/c/Git Directory

```
Probook@DESKTOP-PM7VATP MINGW64 /c/Git Directory
$ pwd
/c/Git Directory

Probook@DESKTOP-PM7VATP MINGW64 /c/Git Directory
$ mkdir gitpractice
bash: mkdir: command not found

Probook@DESKTOP-PM7VATP MINGW64 /c/Git Directory
$ mkdir gitpractice

Probook@DESKTOP-PM7VATP MINGW64 /c/Git Directory
$ git init
Initialized empty Git repository in c:/Git Directory/.git
/

Probook@DESKTOP-PM7VATP MINGW64 /c/Git Directory (master)
$ git status
On branch master

No commits yet

nothing to commit (create/copy files and use "git add" to
track)

Probook@DESKTOP-PM7VATP MINGW64 /c/Git Directory (master)
$ git config --global user.name "Ahmed Jamil"

Probook@DESKTOP-PM7VATP MINGW64 /c/Git Directory (master)
$ git config --global user.email "ahmed.jamil112233@gmail.com
com"
```

MINGW64:/c/Git Directory

```
Probook@DESKTOP-PM7VATP MINGW64 /c/Git Directory (master)
$ git config --list
core.symlinks=true
core.autocrlf=true
core.fscache=true
color.diff=auto
color.status=auto
color.branch=auto
color.interactive=true
help.format=html
rebase.autosquash=true
http.sslcainfo=C:/Program Files/Git/mingw64/ssl/certs/ca-b
undle.crt
http.sslbackend=openssl
diff.astextplain.textconv=astextplain
filter.lfs.clean=git-lfs clean -- %f
filter.lfs.smudge=git-lfs smudge -- %f
filter.lfs.required=true
filter.lfs.process=git-lfs filter-process
credential.helper=manager
user.name=Ahmed Jamil
user.email=ahmed.jamil112233@gmail.com
core.repositoryformatversion=0
core.filemode=false
core.bare=false
core.logallrefupdates=true
core.symlinks=false
core.ignorecase=true

Probook@DESKTOP-PM7VATP MINGW64 /c/Git Directory (master)
$ git config --global core.editor notepad
```

```
Probook@DESKTOP-PM7VATP MINGW64 /c/Git Directory (master)
$ git status
On branch master

No commits yet

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

        GitHub.txt

nothing added to commit but untracked files present (use "git add" to track)

Probook@DESKTOP-PM7VATP MINGW64 /c/Git Directory (master)
$ git add GitHub.txt

Probook@DESKTOP-PM7VATP MINGW64 /c/Git Directory (master)
$ git status
On branch master

No commits yet

changes to be committed:
  (use "git rm --cached <file>..." to unstage)

        new file:   GitHub.txt

Probook@DESKTOP-PM7VATP MINGW64 /c/Git Directory (master)
$ git add gitpractice

Probook@DESKTOP-PM7VATP MINGW64 /c/Git Directory (master)
$ git commit -m "Commit-3 : Added GitHub.txt and a directory"
[master (root-commit) 75e286a] Commit-3 : Added GitHub.txt and a directory
 1 file changed, 3 insertions(+)
 create mode 100644 GitHub.txt
```

```
Probook@DESKTOP-PM7VATP MINGW64 /c/Git Direct
ory (master)
$ git status
On branch master
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:   Github.txt

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

Probook@DESKTOP-PM7VATP MINGW64 /c/Git Direct
ory (master)
$ git add Github.txt

Probook@DESKTOP-PM7VATP MINGW64 /c/Git Direct
ory (master)
$ git status
On branch master
Changes to be committed:
  (use "git reset HEAD <file>..." to unstage)

        modified:   Github.txt

Probook@DESKTOP-PM7VATP MINGW64 /c/Git Direct
ory (master)
$ git commit -m "Commit-4 : Changed contents of Github.txt
thub.txt"
[master e763987] Commit-4 : Changed contents of Gi
thub.txt
 1 file changed, 3 insertions(+), 2 deletions(-)

Probook@DESKTOP-PM7VATP MINGW64 /c/Git Directory (
master)
$ git status
On branch master
nothing to commit, working tree clean
```



```
Probook@DESKTOP-PM7VATP MINGW64 /c/Git Directory (master)
```

```
$ git commit
On branch master
nothing to commit, working tree clean
```

```
Probook@DESKTOP-PM7VATP MINGW64 /c/Git Directory (master)
```

```
$ git commit
On branch master
Changes not staged for commit:
  modified:   Github.txt
```

```
no changes added to commit
```

```
Probook@DESKTOP-PM7VATP MINGW64 /c/Git Directory (master)
```

```
$ git add Github.txt
```

```
Probook@DESKTOP-PM7VATP MINGW64 /c/Git Directory (master)
```

```
$ git commit
unix2dos: converting file c:/Git Directory/.git/COMMIT_EDITMSG to DOS format...
dos2unix: converting file c:/Git Directory/.git/COMMIT_EDITMSG to Unix format...
[master b6a5d81] Try notepad for commit messages
- This is great way to add commit messages - Git is interesting
1 file changed, 3 insertions(+), 1 deletion(-)
```

```
Probook@DESKTOP-PM7VATP MINGW64 /c/Git Directory (master)
```

```
$ git log
commit b6a5d81269441ad572f800cd1518b9457ccefc9e (HEAD -> master)
Author: Ahmed Jamil <ahmed.jamil112233@gmail.com>
Date: Mon Sep 18 16:22:09 2017 +0500
```

```
Try notepad for commit messages
- This is great way to add commit messages
- Git is interesting
```

```
commit e763987fec111bc3648403bb9bd3db186a96f90
Author: Ahmed Jamil <ahmed.jamil112233@gmail.com>
Date: Mon Sep 18 16:20:18 2017 +0500
```

```
Commit-4 : Changed contents of Github.txt
```

```
commit 75e286a4775f72b2a2e9e0e3d211e749de43e665
Author: Ahmed Jamil <ahmed.jamil112233@gmail.com>
Date: Mon Sep 18 16:16:19 2017 +0500
```

```
Commit-3 : Added Github.txt and a directory
```

```
Probook@DESKTOP-PM7VATP MINGW64 /c/Git Directory (master)
```

```
$ git log -oneline
fatal: unrecognized argument: -oneline
```

```
Probook@DESKTOP-PM7VATP MINGW64 /c/Git Directory (master)
```

```
$ git log --oneline
b6a5d81 (HEAD -> master) Try notepad for commit messages - This is great way to add commit messages - Git is interesting
e763987 Commit-4 : Changed contents of Github.txt
75e286a Commit-3 : Added Github.txt and a directory
```



```

Probook@DESKTOP-PM7VATP MINGW64 /c/Git Directory (master)
$ git log -n3
commit b6a5d81269441ad572f800cd1518b9457ccefc9e (HEAD -> master)
Author: Ahmed Jamil <ahmed.jamil112233@gmail.com>
Date: Mon Sep 18 16:22:09 2017 +0500

    Try notepad for commit messages
    - This is great way to add commit messages
    - Git is interesting

commit e763987fec111bc3648403bb9bd3db186a96f90
Author: Ahmed Jamil <ahmed.jamil112233@gmail.com>
Date: Mon Sep 18 16:20:18 2017 +0500

    Commit-4 : Changed contents of Github.txt

commit 75e286a4775f72b2a2e9e0e3d211e749de43e665
Author: Ahmed Jamil <ahmed.jamil112233@gmail.com>
Date: Mon Sep 18 16:16:19 2017 +0500

    Commit-3 : Added Github.txt and a directory

```

```

Probook@DESKTOP-PM7VATP MINGW64 /c/Git Directory (master)
$ git log -p
commit b6a5d81269441ad572f800cd1518b9457ccefc9e (HEAD -> master)
Author: Ahmed Jamil <ahmed.jamil112233@gmail.com>
Date: Mon Sep 18 16:22:09 2017 +0500

    Try notepad for commit messages
    - This is great way to add commit messages
    - Git is interesting

diff --git a/Github.txt b/Github.txt
index a7143b1..a5ce4c8 100644
--- a/Github.txt
+++ b/Github.txt
@@ -1,4 +1,6 @@
 // Hello Github world
 void main() {
 print <93>Hello Github world<94>;
-}
\ No newline at end of file
+}
+
+Chnaged Text
\ No newline at end of file

commit e763987fec111bc3648403bb9bd3db186a96f90
Author: Ahmed Jamil <ahmed.jamil112233@gmail.com>
Date: Mon Sep 18 16:20:18 2017 +0500

    Commit-4 : Changed contents of Github.txt

diff --git a/Github.txt b/Github.txt
index 3cd032a..a7143b1 100644
--- a/Github.txt
+++ b/Github.txt
@@ -1,3 +1,4 @@
-// Hello world void main() {
- print <93>Hello world<94>;
+// Hello Github world
+void main() {
+print <93>Hello Github world<94>;
 }
\ No newline at end of file

```

```
Probook@DESKTOP-PM7VATP MINGW64 /c/Git Directory (master)
$ git add .gitignore

Probook@DESKTOP-PM7VATP MINGW64 /c/Git Directory (master)
$ git commit -m "created .gitignore"
> ^C

Probook@DESKTOP-PM7VATP MINGW64 /c/Git Directory (master)
$ git commit -m "created .gitignore"
>
> ^C

Probook@DESKTOP-PM7VATP MINGW64 /c/Git Directory (master)
$ git commit -m "created .gitignore"

[master 4820cd5] created .gitignore
1 file changed, 4 insertions(+)
create mode 100644 .gitignore

Probook@DESKTOP-PM7VATP MINGW64 /c/Git Directory (master)
$ mkdir bin

Probook@DESKTOP-PM7VATP MINGW64 /c/Git Directory (master)
$ touch bin/somefile.exe

Probook@DESKTOP-PM7VATP MINGW64 /c/Git Directory (master)
$ touch file.class

Probook@DESKTOP-PM7VATP MINGW64 /c/Git Directory (master)
$ git status
On branch master
nothing to commit, working tree clean
```

```
Probook@DESKTOP-PM7VATP MINGW64 /c/Git Directory (master)
$ git diff

Probook@DESKTOP-PM7VATP MINGW64 /c/Git Directory (master)
$ git diff --staged

Probook@DESKTOP-PM7VATP MINGW64 /c/Git Directory (master)
$ git rm GitHub.txt
rm 'GitHub.txt'

Probook@DESKTOP-PM7VATP MINGW64 /c/Git Directory (master)
$ git rm 'GitHub.txt'
fatal: pathspec 'GitHub.txt' did not match any files

Probook@DESKTOP-PM7VATP MINGW64 /c/Git Directory (master)
$ pwd
/c/Git Directory

Probook@DESKTOP-PM7VATP MINGW64 /c/Git Directory (master)
$ git commit -m "deleted github.txt"
[master 2ffe76a] deleted github.txt
1 file changed, 6 deletions(-)
delete mode 100644 GitHub.txt
```
