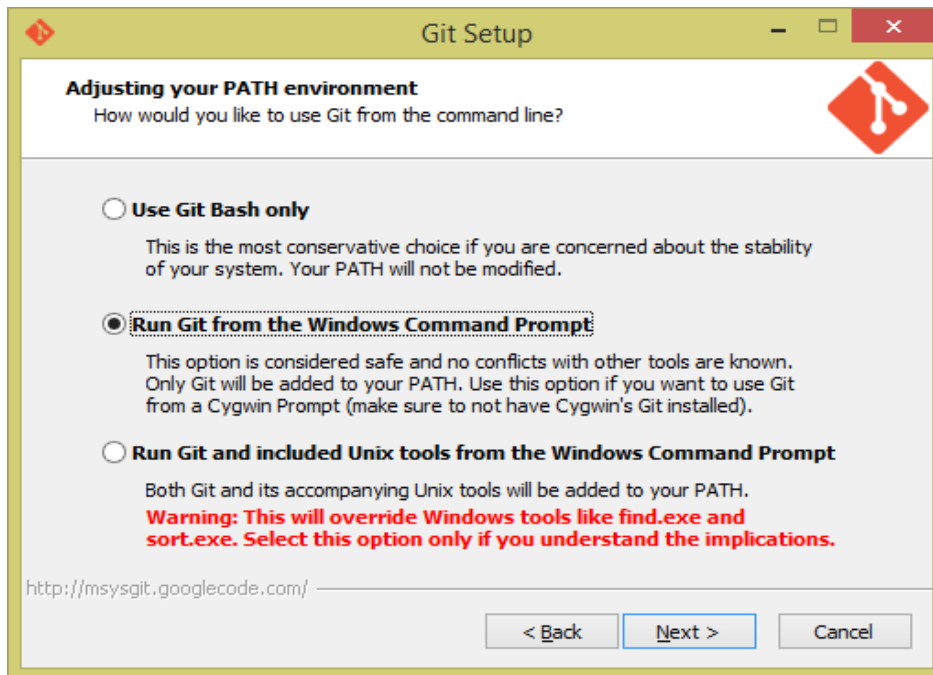


Topic: Advanced software development techniques

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Exercises: No2 GitHub

1. Install Git command line client on your local machine(Had it already installed onPC)



2. Set up a username and email address – for commit/push purposes.

```
MINGW64:/c/Users/Pongoe
--bool          value is given this type
--int           value is "true" or "false"
--bool-or-int   value is decimal number
--bool-or-str   value is --bool or --int
--path          value is --bool or string
--expiry-date   value is a path (file or directory name)
--expiry-date   value is an expiry date

Other
--[no-]default <value>      with --get, use default value when missing entry
--[no-]comment <value>      human-readable comment string (# will be prepended as
needed)
--[no-]fixed-value          use string equality when comparing values to value pat
tern
--[no-]includes             respect include directives on lookup

Pongoe@Pongoe MINGW64 ~
$ git config --global user.email "ndavembinga27@gmail.com"

Pongoe@Pongoe MINGW64 ~
$ cd|
```

3. Install and set up Git Credential Manager.
 - Already installed on windows.
4. Clone the repository from Exercise 1.

```
MINGW64:/c/Users/Pongoe/Documents/ASDT_1
ls
-ASDT_1/      'My Music'@      'Sound Recordings'/
Agile Development p1.txt' 'My Pictures'@
Foundations p1.txt' 'My Videos'@

ongoe@Pongoe MINGW64 ~/Documents
git clone "https://github.com/ndavembinga/ASDT_1.git"
Cloning into 'ASDT_1'...
remote: Enumerating objects: 10, done.
remote: Counting objects: 100% (10/10), done.
remote: Compressing objects: 100% (7/7), done.
remote: Total 10 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (10/10), done.

ongoe@Pongoe MINGW64 ~/Documents
git checkout -b feature/about_me_2
fatal: not a git repository (or any of the parent directories): .git

ongoe@Pongoe MINGW64 ~/Documents
ls
-ASDT_1/      'Agile Development p1.txt' 'My Music'@      'My Videos'@
ASDT_1/      'Foundations p1.txt'      'My Pictures'@    'Sound Recordings'/'

ongoe@Pongoe MINGW64 ~/Documents
```

5. Create a new branch in the repository called feature/about_me_2.

```
MINGW64:/c/Users/Pongoe/Documents/ASDT_1
remote: Counting objects: 100% (10/10), done.
remote: Compressing objects: 100% (7/7), done.
remote: Total 10 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (10/10), done.

Pongoe@Pongoe MINGW64 ~/Documents
$ git checkout -b feature/about_me_2
fatal: not a git repository (or any of the parent directories): .git

Pongoe@Pongoe MINGW64 ~/Documents
$ ls
-ASDT_1/      'Agile Development p1.txt' 'My Music'@      'My Videos'@
ASDT_1/      'Foundations p1.txt'      'My Pictures'@    'Sound Recordings'/'

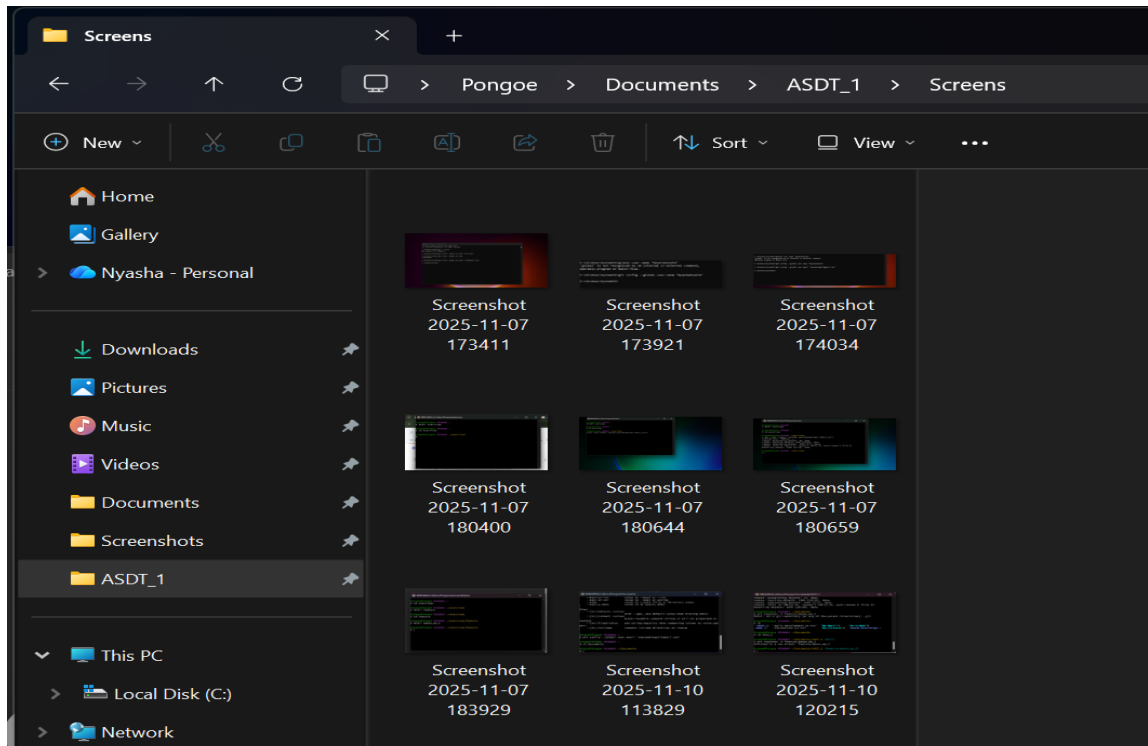
Pongoe@Pongoe MINGW64 ~/Documents
$ cd ASDT_1

Pongoe@Pongoe MINGW64 ~/Documents/ASDT_1 (main)
$ git checkout -b feature/about_me_2
Switched to a new branch 'feature/about_me_2'

Pongoe@Pongoe MINGW64 ~/Documents/ASDT_1 (feature/about_me_2)
$ git add .
```

6. Modify the content of the file README.md.(Screenshot unavailable)

7. Add to the repository print screens that show CMD output after performing git commands.



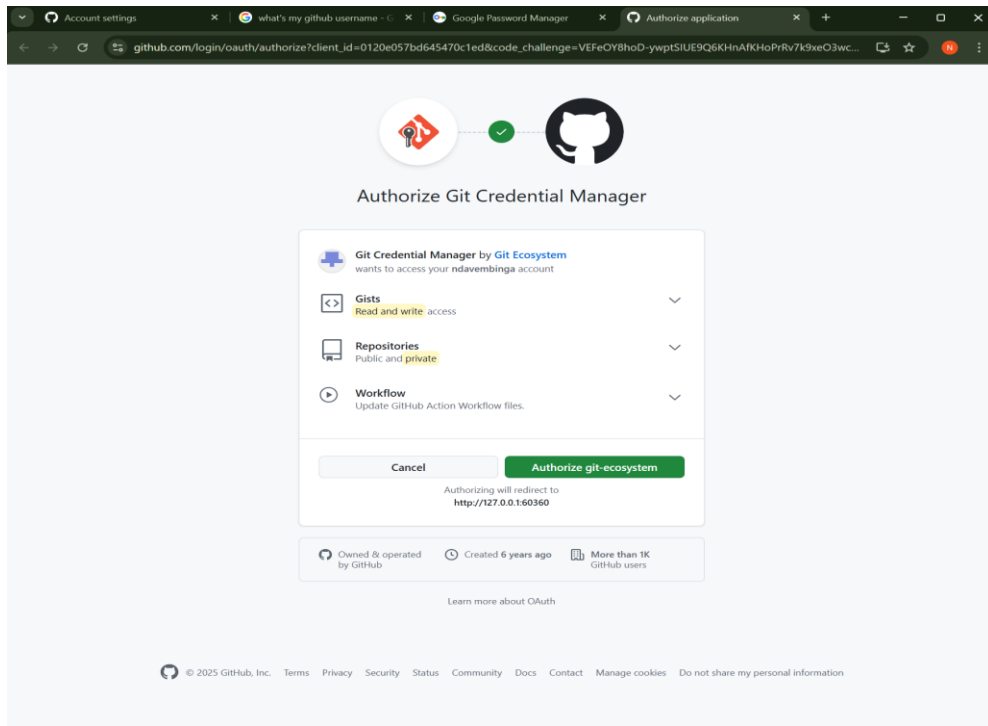
8. Commit and push changes to the repository.

```
MINGW64/c/Users/Pongoe/Documents/ASDT_1
$ git push origin feature/about_me_2
remote: Invalid username or token. Password authentication is not supported for
Git operations.
fatal: Authentication failed for 'https://github.com/ndavembinga/ASDT_1.git/'

Pongoe@Pongoe MINGW64 ~/Documents/ASDT_1 (feature/about_me_2)
$ git push origin feature/about_me_2
info: please complete authentication in your browser...
Enumerating objects: 15, done.
Counting objects: 100% (15/15), done.
Delta compression using up to 4 threads
Compressing objects: 100% (13/13), done.
Writing objects: 100% (13/13), 949.45 KiB | 15.82 MiB/s, done.
Total 13 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote:
remote: Create a pull request for 'feature/about_me_2' on GitHub by visiting:
remote:   https://github.com/ndavembinga/ASDT_1/pull/new/feature/about_me_2
remote:
To https://github.com/ndavembinga/ASDT_1.git
 * [new branch]      feature/about_me_2 -> feature/about_me_2

Pongoe@Pongoe MINGW64 ~/Documents/ASDT_1 (feature/about_me_2)
$
```

9. Create a pull request for the main branch.



10. Using GitHub web page review and merge a pull request.

