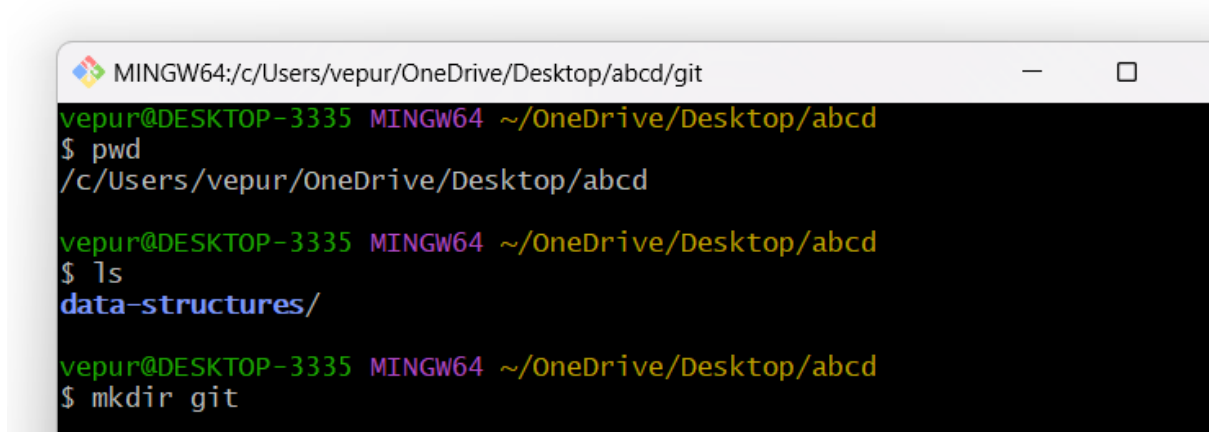


Push in Git:

1. Create one new folder named git using mkdir git command.

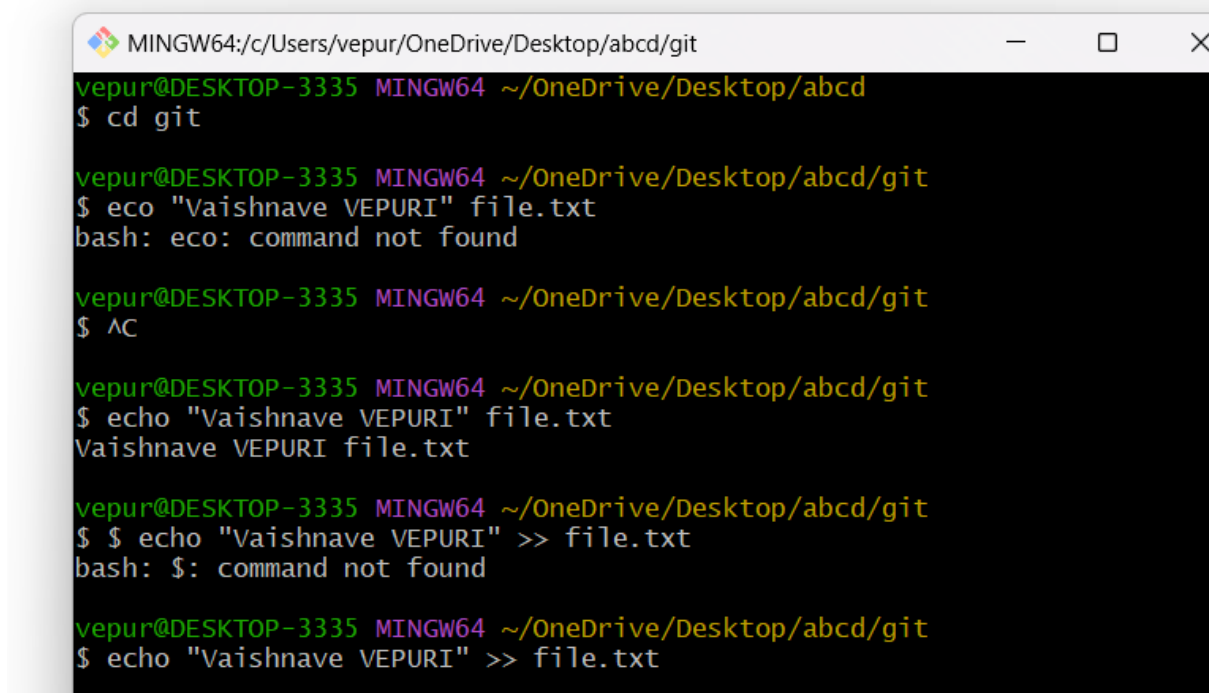
A terminal window titled 'MINGW64:/c/Users/vepur/OneDrive/Desktop/abcd/git' showing the following commands and output:

```
vepur@DESKTOP-3335 MINGW64 ~/OneDrive/Desktop/abcd
$ pwd
/c/Users/vepur/OneDrive/Desktop/abcd

vepur@DESKTOP-3335 MINGW64 ~/OneDrive/Desktop/abcd
$ ls
data-structures/

vepur@DESKTOP-3335 MINGW64 ~/OneDrive/Desktop/abcd
$ mkdir git
```

2. Create a new file named file.txt under the new folder using echo "hello world" >> file.txt.

A terminal window titled 'MINGW64:/c/Users/vepur/OneDrive/Desktop/abcd/git' showing the following commands and output:

```
vepur@DESKTOP-3335 MINGW64 ~/OneDrive/Desktop/abcd
$ cd git

vepur@DESKTOP-3335 MINGW64 ~/OneDrive/Desktop/abcd/git
$ eco "Vaishnav VEPURI" file.txt
bash: eco: command not found

vepur@DESKTOP-3335 MINGW64 ~/OneDrive/Desktop/abcd/git
$ ^C

vepur@DESKTOP-3335 MINGW64 ~/OneDrive/Desktop/abcd/git
$ echo "Vaishnav VEPURI" file.txt
Vaishnav VEPURI file.txt

vepur@DESKTOP-3335 MINGW64 ~/OneDrive/Desktop/abcd/git
$ $ echo "Vaishnav VEPURI" >> file.txt
bash: $: command not found

vepur@DESKTOP-3335 MINGW64 ~/OneDrive/Desktop/abcd/git
$ echo "Vaishnav VEPURI" >> file.txt
```

3. Give username and user email configuration as shown and confirm the configuration.

```
MINGW64:/c/Users/vepur/OneDrive/Desktop/abcd/git

vepur@DESKTOP-3335 MINGW64 ~/OneDrive/Desktop/abcd/git
$ git config --global user.name "Vaishnave"

vepur@DESKTOP-3335 MINGW64 ~/OneDrive/Desktop/abcd/git
$ git config --global user.email "vepuri.vaishnave@gmail.com"

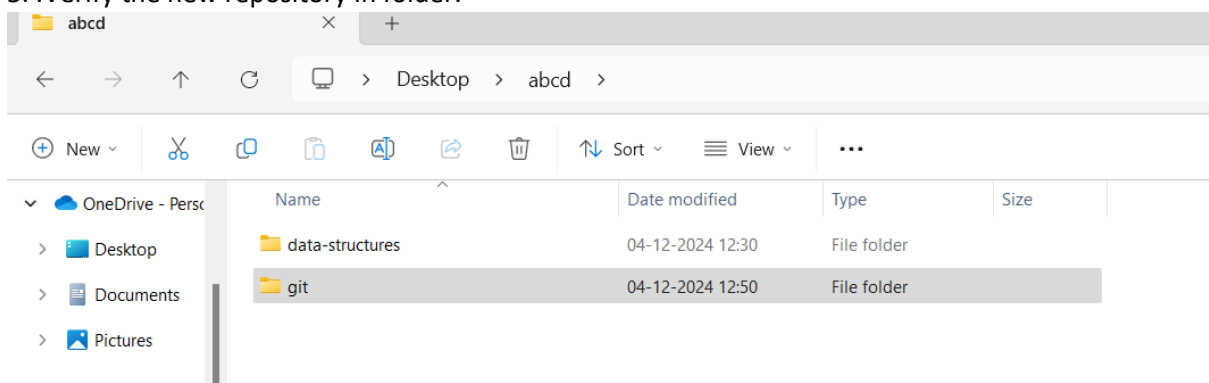
vepur@DESKTOP-3335 MINGW64 ~/OneDrive/Desktop/abcd/git
$ git config --global -l
user.name=Vaishnave
user.email=vepuri.vaishnave@gmail.com
```

4. Initialize a New Repository in this folder using git init. Here new repository is .git

```
MINGW64:/c/Users/vepur/OneDrive/Desktop/abcd/git

vepur@DESKTOP-3335 MINGW64 ~/OneDrive/Desktop/abcd/git
$ git init
Initialized empty Git repository in C:/Users/vepur/OneDrive/Desktop/abcd/
```

5. .Verify the new repository in folder.



6. Type git add file.txt to make the file trackable and type git log to check commit history. Since no commits yet it displays as not committed yet.

```
vepur@DESKTOP-3335 MINGW64 ~/OneDrive/Desktop/abcd/git (master)
$ git add file.txt
warning: in the working copy of 'file.txt', LF will be replaced by CRLF
time Git touches it

vepur@DESKTOP-3335 MINGW64 ~/OneDrive/Desktop/abcd/git (master)
$ git log
fatal: your current branch 'master' does not have any commits yet
```

7. Now give name for the repository as origin for sample and test for the pushing file using git remote add

```
vepur@DESKTOP-3335 MINGW64 ~/OneDrive/Desktop/abcd/git (master)
$ git remote add origin https://github.com/vaishnave28/origin

vepur@DESKTOP-3335 MINGW64 ~/OneDrive/Desktop/abcd/git (master)
$ git remote add https://github.com/vaishnave28/origin.git
usage: git remote add [<options>] <name> <url>

    -f, --[no-]fetch          fetch the remote branches
    --[no-]tags              import all tags and associated objects when fe
                             or do not fetch any tag at all (--no-tags)
    -t, --[no-]track <branch> branch(es) to track
    -m, --[no-]master <branch> master branch
    --[no-]mirror[=(push|fetch)] set up remote as a mirror to push to or fetch
```

8. Change the branch from master to main using git branch -M command.

```
vepur@DESKTOP-3335 MINGW64 ~/OneDrive/Desktop/abcd/git (master)
$ git remote
origin

vepur@DESKTOP-3335 MINGW64 ~/OneDrive/Desktop/abcd/git (master)
$ git branch -M main
```

9. Type git push -u origin main to push the file to github repository.

```
vepur@DESKTOP-3335 MINGW64 ~/OneDrive/Desktop/abcd/git (main)
$ git push -u origin main
info: please complete authentication in your browser...
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 236 bytes | 236.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/vaishnave28/origin
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.
```

10. Open github profile and verify the file in the new repository.

