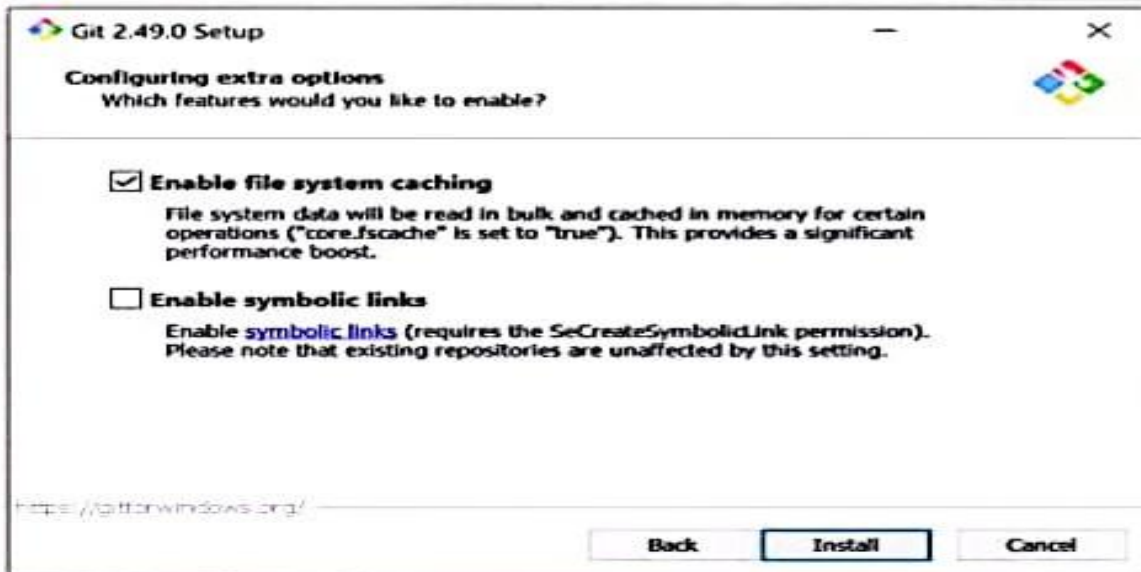


Git installation & setup

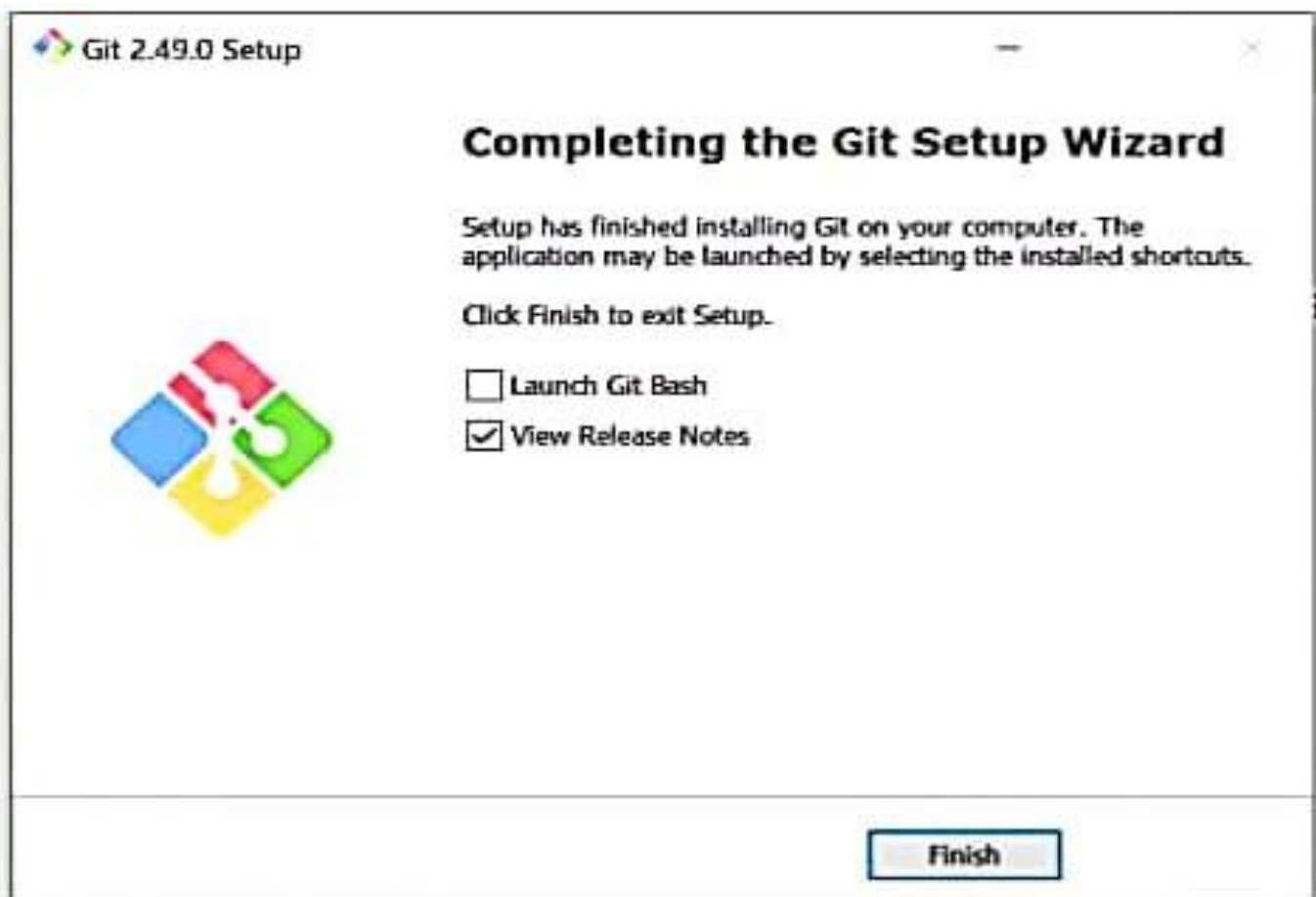


Using winget tool

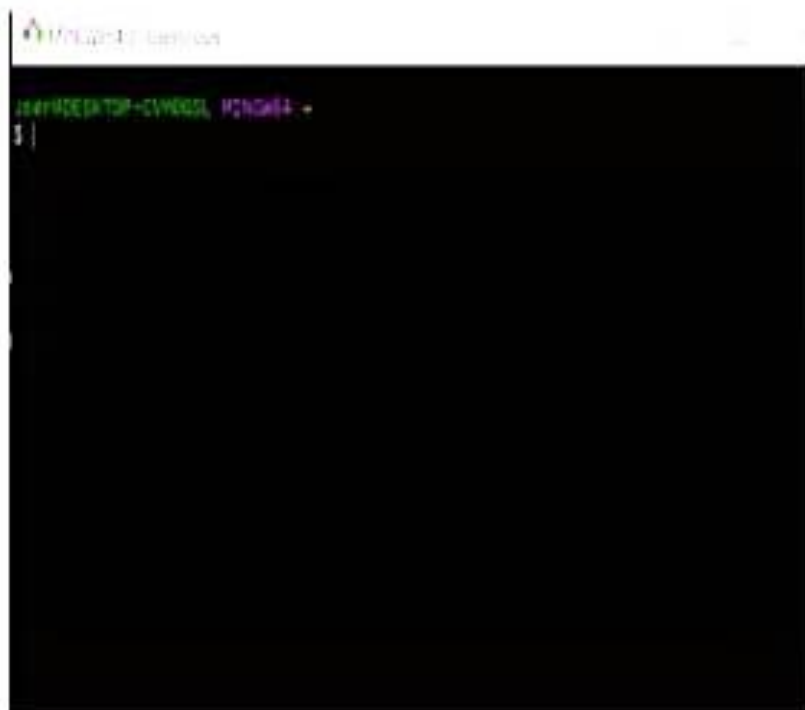


Using winget tool

Install **winget** tool if you don't already have it, then type this command in command prompt



Using winget tool



Microsoft Windows [Version 10.0.19045.5247]
(c) Microsoft Corporation. All rights reserved.

C:\Users\user>git

```
usage: git [-v | --version] [-h | --help] [-C <path>] [-c <name>=<value>]
        [--exec-path[=<path>]] [--html-path] [--man-path] [--info-path]
        [-p | --paginate | -P | --no-pager] [--no-replace-objects] [--no-lazy-fetch]
        [--no-optional-locks] [--no-advice] [--bare] [--git-dir=<path>]
        [--work-tree=<path>] [--namespace=<name>] [--config-env=<name>=<envvar>]
        <command> [<args>]
```

These are common Git commands used in various situations:

start a working area (see also: git help tutorial)

clone	Clone a repository into a new directory
init	Create an empty Git repository or reinitialize an existing one

work on the current change (see also: git help everyday)

add	Add file contents to the index
mv	Move or rename a file, a directory, or a symlink
restore	Restore working tree files
rm	Remove files from the working tree and from the index

examine the history and state (see also: git help revisions)

bisect	Use binary search to find the commit that introduced a bug
diff	Show changes between commits, commit and working tree, etc
grep	Print lines matching a pattern
log	Show commit logs
show	Show various types of objects
status	Show the working tree status

Git --version

PROBLEMS TERMINAL

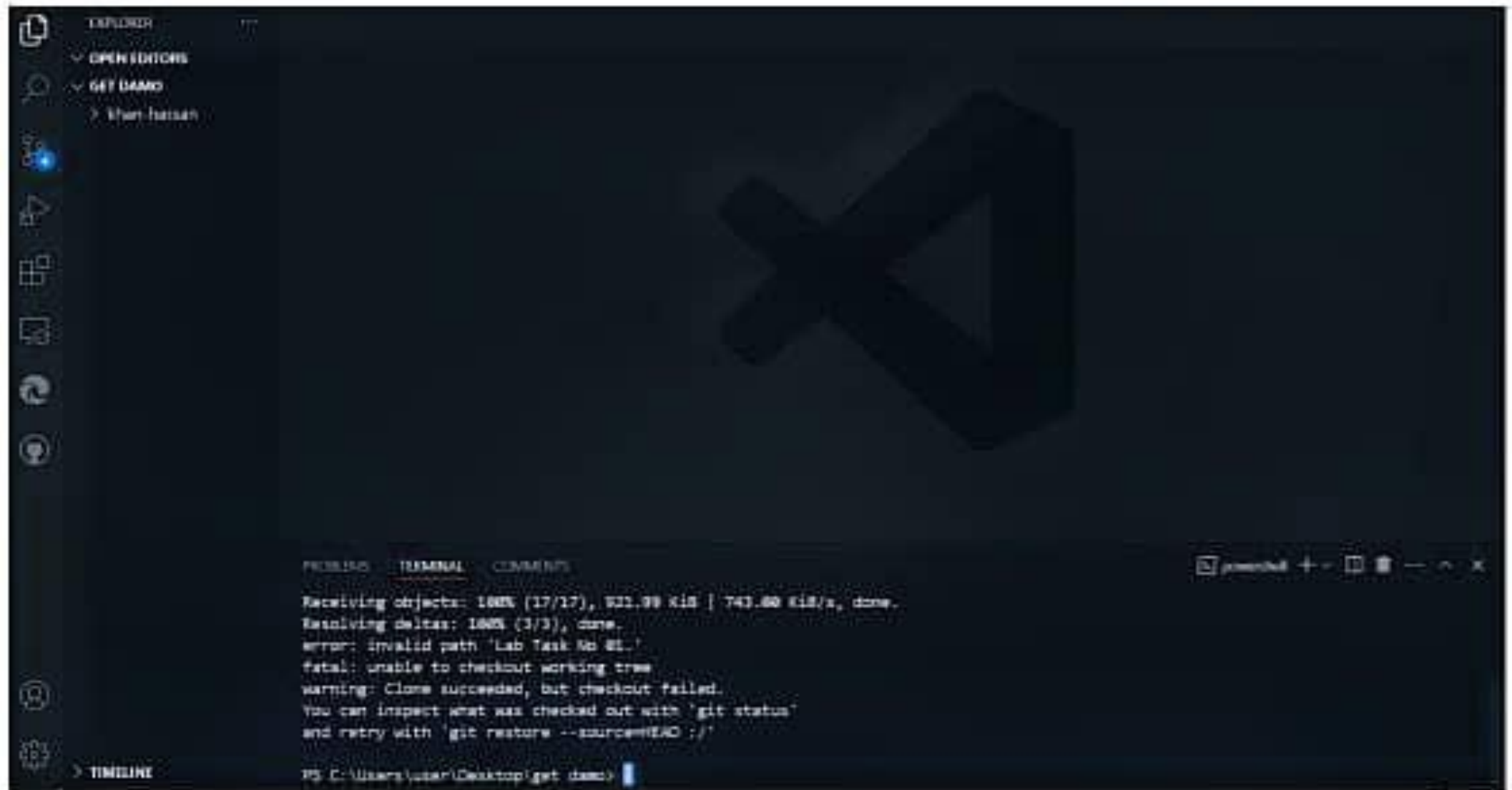
PS C:\Users\user\Desktop\get_damo> git --version

git version 2.49.0.windows.1

PS C:\Users\user\Desktop\get_damo> |

```
user@desktop-CVMOGSL MINGW64
git configure global user name
"Abdullah niaz"
user@desktop-CVMOGSL MINGW64
git configure global user email
"ssardarabdulrehman58@gmail.com"
user@desktop-CVMOGSL MINGW64
git configure--list
diff.astextplain-textconv=astextplain
filter.1fs.clean=git-1fs clean--%f
filter.1fs.smudge=git-1fs smudge ----
%f
filter.1fs.process=git-1fs filter-proc
filter.1fs.requirement=true
http.sslbackend=schannel 1
core.autocrlf=true
core.fscache=true
core.symlinks=false
pull.rebase=false
credential.helper=manager
credential.http://dev.azure.com.
usehttppath=true
init.default branch = master
user.name =Abdullah Niaz
user.email=ssardarabdullah58gmail.com
```


Git-list



The screenshot shows a Visual Studio Code interface with a dark theme. The Explorer sidebar on the left shows a file named 'Lab Task No 01...'. The main editor area is empty, displaying a large, faint, dark watermark of the letter 'X'. At the bottom, the integrated terminal is open, showing the output of a 'git clone' command. The output indicates that the clone was successful but the checkout failed due to an invalid path. The terminal prompt shows the current directory is 'C:\Users\user\Desktop\get_damo'.

```
RECEIVING | 100% (17/17), 331.99 KiB | 743.60 KiB/s, done.  
Resolving deltas: 100% (3/3), done.  
error: invalid path 'Lab Task No 01...'  
fatal: unable to checkout working tree  
warning: Clone succeeded, but checkout failed.  
You can inspect what was checked out with 'git status'  
and retry with 'git restore --source=HEAD :/'  
PS C:\Users\user\Desktop\get_damo>
```