

## Question 27

```
Mon Sep 9 11:19:17 AM
mr-arthor@mr-arthor: ~/Desktop

mr-arthor@mr-arthor:~$ cd Desktop/
mr-arthor@mr-arthor:~/Desktop$ mkdir CDAC4
Command 'mkdir' not found, did you mean:
  command 'mkdir' from deb coreutils (9.4-2ubuntu2)
Try: sudo apt install <deb name>
mr-arthor@mr-arthor:~/Desktop$ mkdir CDAC4
mr-arthor@mr-arthor:~/Desktop$ touch File{1..5}.txt
mr-arthor@mr-arthor:~/Desktop$ ls
Career CDAC CDAC4 Code File1.txt File2.txt File3.txt File4.txt File5.txt Stuff Trash
mr-arthor@mr-arthor:~/Desktop$ git init .
hint: Using 'master' as the name for the initial branch. This default branch name
hint: is subject to change. To configure the initial branch name to use in all
hint: of your new repositories, which will suppress this warning, call:
hint:
hint:   git config --global init.defaultBranch <name>
hint:
hint: Names commonly chosen instead of 'master' are 'main', 'trunk' and
hint: 'development'. The just-created branch can be renamed via this command:
hint:
hint:   git branch -m <name>
Initialized empty Git repository in /home/mr-arthor/Desktop/.git/
mr-arthor@mr-arthor:~/Desktop$ git add *
mr-arthor@mr-arthor:~/Desktop$ git commit -m " Adding Files To the github"
[master (root-commit) eb727e6] Adding Files To the github
10 files changed, 5 insertions(+)
create mode 120000 CDAC
create mode 100644 CDAC4/File1.txt
create mode 100644 CDAC4/File2.txt
create mode 100644 CDAC4/File3.txt
create mode 100644 CDAC4/File4.txt
create mode 100644 CDAC4/File5.txt

Mon Sep 9 11:19:22 AM
mr-arthor@mr-arthor: ~/Desktop

10 files changed, 5 insertions(+)
create mode 120000 CDAC
create mode 100644 CDAC4/File1.txt
create mode 100644 CDAC4/File2.txt
create mode 100644 CDAC4/File3.txt
create mode 100644 CDAC4/File4.txt
create mode 100644 CDAC4/File5.txt
create mode 120000 Career
create mode 120000 Code
create mode 120000 Stuff
create mode 120000 Trash
mr-arthor@mr-arthor:~/Desktop$ git branch -M main
git remote add origin https://github.com/MrArthor/CDAC5.git
git push -u origin main
Enumerating objects: 9, done.
Counting objects: 100% (9/9), done.
Delta compression using up to 8 threads
Compressing objects: 100% (8/8), done.
Writing objects: 100% (9/9), 610 bytes | 305.00 KiB/s, done.
Total 9 (delta 3), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (3/3), done.
To https://github.com/MrArthor/CDAC5.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.
mr-arthor@mr-arthor:~/Desktop$ git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean
mr-arthor@mr-arthor:~/Desktop$ git log
commit eb727e60de1d65d8d3a5e74b4f3cbb856229b658 (HEAD -> main, origin/main)
```

```
Mon Sep 9 11:19:25 AM
mr-arthor@mr-arthor: ~/Desktop

nothing to commit, working tree clean
mr-arthor@mr-arthor:~/Desktop$ git log
commit eb727e60de1d65d8d3a5e74b4f3cbb856229b658 (HEAD -> main, origin/main)
Author: mrarthor <vkvs25@gmail.com>
Date: Mon Sep 9 10:57:39 2024 +0530

    Adding Files To the github

mr-arthor@mr-arthor:~/Desktop$ git show
commit eb727e60de1d65d8d3a5e74b4f3cbb856229b658 (HEAD -> main, origin/main)
Author: mrarthor <vkvs25@gmail.com>
Date: Mon Sep 9 10:57:39 2024 +0530

    Adding Files To the github

diff --git a/CDAC b/CDAC
new file mode 120000
index 0000000..2a5bc79
--- /dev/null
+++ b/CDAC
@@ -0,0 +1 @@
+/media/mr-arthor/9face6b7-82d2-46ae-a1a4-873644ebcc21/CDAC
\ No newline at end of file
diff --git a/CDAC4/File1.txt b/CDAC4/File1.txt
new file mode 100644
index 0000000..e69de29
diff --git a/CDAC4/File2.txt b/CDAC4/File2.txt
new file mode 100644
index 0000000..e69de29
diff --git a/CDAC4/File3.txt b/CDAC4/File3.txt
new file mode 100644
index 0000000..e69de29

+/media/mr-arthor/9face6b7-82d2-46ae-a1a4-873644ebcc21/CDAC
\ No newline at end of file
diff --git a/CDAC4/File1.txt b/CDAC4/File1.txt
new file mode 100644
index 0000000..e69de29
diff --git a/CDAC4/File2.txt b/CDAC4/File2.txt
new file mode 100644
index 0000000..e69de29
diff --git a/CDAC4/File3.txt b/CDAC4/File3.txt
new file mode 100644
index 0000000..e69de29
diff --git a/CDAC4/File4.txt b/CDAC4/File4.txt
new file mode 100644
index 0000000..e69de29
diff --git a/CDAC4/File5.txt b/CDAC4/File5.txt
new file mode 100644
index 0000000..e69de29
diff --git a/Career b/Career
mr-arthor@mr-arthor:~/Desktop$ git rm File1.txt
fatal: pathspec 'File1.txt' did not match any files
mr-arthor@mr-arthor:~/Desktop$ ls -la
. .. Career CDAC CDAC4 Code .git Stuff Trash
mr-arthor@mr-arthor:~/Desktop$ rm -rf .git/
mr-arthor@mr-arthor:~/Desktop$ cd CDAC4/
mr-arthor@mr-arthor:~/Desktop/CDAC4$ touch File{1..5}.txt
mr-arthor@mr-arthor:~/Desktop/CDAC4$ git init
hint: Using 'master' as the name for the initial branch. This default branch name
hint: is subject to change. To configure the initial branch name to use in all
hint: of your new repositories, which will suppress this warning, call:
hint:
hint:   git config --global init.defaultBranch <name>
```

```
Mon Sep 9 11:19:34 AM
mr-arthor@mr-arthor: ~/Desktop

Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 236 bytes | 236.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/MrArthor/CDAC4.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.
mr-arthor@mr-arthor:~/Desktop/CDAC4$ git log
commit aa0cda1007f033926663deb249279ca92fac58e6 (HEAD -> main, origin/main)
Author: mrarthor <vkssvs25@gmail.com>
Date:   Mon Sep 9 11:01:07 2024 +0530

    Adding Files To Git

mr-arthor@mr-arthor:~/Desktop/CDAC4$ git rm File1.txt
rm 'File1.txt'
mr-arthor@mr-arthor:~/Desktop/CDAC4$ git commit -m "File Removed"
[main ee0a9ba] File Removed
 1 file changed, 0 insertions(+), 0 deletions(-)
 delete mode 100644 File1.txt
mr-arthor@mr-arthor:~/Desktop/CDAC4$ git push -u origin main
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), 220 bytes | 220.00 KiB/s, done.
Total 2 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/MrArthor/CDAC4.git
 aa0cda1..ee0a9ba  main -> main
branch 'main' set up to track 'origin/main'.
mr-arthor@mr-arthor:~/Desktop/CDAC4$ git log
commit ee0a9baa48c846cbcd601eaced70379f3cf28763 (HEAD -> main, origin/main)
Author: mrarthor <vkssvs25@gmail.com>
Date:   Mon Sep 9 11:02:50 2024 +0530

    File Removed

commit aa0cda1007f033926663deb249279ca92fac58e6
Author: mrarthor <vkssvs25@gmail.com>
Date:   Mon Sep 9 11:01:07 2024 +0530

    Adding Files To Git

mr-arthor@mr-arthor:~/Desktop/CDAC4$ git rm --cached File3.txt
rm 'File3.txt'
mr-arthor@mr-arthor:~/Desktop/CDAC4$ git commit -m "untracked File3.txt"
[main 4f6b145] untracked File3.txt
 1 file changed, 0 insertions(+), 0 deletions(-)
 delete mode 100644 File3.txt
mr-arthor@mr-arthor:~/Desktop/CDAC4$ git status
On branch main
Your branch is ahead of 'origin/main' by 1 commit.
(use "git push" to publish your local commits)

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    File3.txt

nothing added to commit but untracked files present (use "git add" to track)
mr-arthor@mr-arthor:~/Desktop/CDAC4$ git push -u origin main
Enumerating objects: 3, done.
```

## Question 28

```
Mon Sep 9 11:19:39 AM
mr-arthur@mr-arthur: ~/Desktop

Untracked files:
  (use "git add <file>..." to include in what will be committed)
  File3.txt

nothing added to commit but untracked files present (use "git add" to track)
mr-arthur@mr-arthur:~/Desktop/CDAC4$ git push -u origin main
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), 226 bytes | 226.00 KiB/s, done.
Total 2 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/MrArthor/CDAC4.git
   ee0a9ba..4f6b145  main -> main
branch 'main' set up to track 'origin/main'.
mr-arthur@mr-arthur:~/Desktop/CDAC4$ cd ..
mr-arthur@mr-arthur:~/Desktop$ ls -l
total 20
lrwxrwxrwx 1 mr-arthur mr-arthur   60 Sep  1 12:48 Career -> /media/mr-arthur/9face6b7-82d2-46ae-a1a4-873644ebcc21/Career
lrwxrwxrwx 1 mr-arthur mr-arthur   58 Sep  1 12:48 CDAC -> /media/mr-arthur/9face6b7-82d2-46ae-a1a4-873644ebcc21/CDAC
drwxrwxr-x 3 mr-arthur mr-arthur 4096 Sep  9 11:02 CDAC4
-rw-rw-r-- 1 mr-arthur mr-arthur 1674 Sep  9 11:17 CDAC4.pem
lrwxrwxrwx 1 mr-arthur mr-arthur   65 Sep  1 17:19 Code -> /media/mr-arthur/9face6b7-82d2-46ae-a1a4-873644ebcc21/Trash/Code/
-rw-rw-r-- 1 mr-arthur mr-arthur 1674 Sep  4 16:28 Demo.pem
lrwxrwxrwx 1 mr-arthur mr-arthur   53 Sep  4 09:41 Stuff -> /media/mr-arthur/9face6b7-82d2-46ae-a1a4-873644ebcc21
lrwxrwxrwx 1 mr-arthur mr-arthur   59 Sep  1 12:48 Trash -> /media/mr-arthur/9face6b7-82d2-46ae-a1a4-873644ebcc21/Trash
mr-arthur@mr-arthur:~/Desktop$ chmod 700 CDAC
mr-arthur@mr-arthur:~/Desktop$ chmod 700 CDAC4.pem
mr-arthur@mr-arthur:~/Desktop$
```

```
Mon Sep 9 11:47:34 AM
ubuntu@ip-172-31-22-128: ~
The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

ubuntu@ip-172-31-22-128:~$ sudo useradd CDAC
ubuntu@ip-172-31-22-128:~$ ls
ubuntu@ip-172-31-22-128:~$ mkdir CDAC
ubuntu@ip-172-31-22-128:~$ ls -l
total 4
drwxrwxr-x 2 ubuntu ubuntu 4096 Sep  9 05:50 CDAC
ubuntu@ip-172-31-22-128:~$ sudo apt update
Hit:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble InRelease
Get:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates InRelease [126 kB]
Get:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-backports InRelease [126 kB]
Get:4 http://security.ubuntu.com/ubuntu noble-security InRelease [126 kB]
Get:5 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 Packages [15.0 MB]
Get:6 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/universe Translation-en [5982 kB]
Get:7 http://security.ubuntu.com/ubuntu noble-security/main amd64 Packages [326 kB]
Get:8 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 Components [3871 kB]
Get:9 http://security.ubuntu.com/ubuntu noble-security/main Translation-en [74.4 kB]
Get:10 http://security.ubuntu.com/ubuntu noble-security/main amd64 c-n-f Metadata [4420 B]
Get:11 http://security.ubuntu.com/ubuntu noble-security/universe amd64 Packages [266 kB]
...

No containers need to be restarted.

No user sessions are running outdated binaries.

No VM guests are running outdated hypervisor (qemu) binaries on this host.
ubuntu@ip-172-31-22-128:~$ sudo man chdown
No manual entry for chdown
ubuntu@ip-172-31-22-128:~$ sudo chown CDAC CDAC/
ubuntu@ip-172-31-22-128:~$ ls -l
total 4
drwxrwxr-x 2 CDAC ubuntu 4096 Sep  9 05:50 CDAC
ubuntu@ip-172-31-22-128:~$ cd /var/www/html/
ubuntu@ip-172-31-22-128:/var/www/html$ touch index.html
touch: cannot touch 'index.html': Permission denied
ubuntu@ip-172-31-22-128:/var/www/html$ sudo nano index.html
ubuntu@ip-172-31-22-128:/var/www/html$ sudo rm index.html
ubuntu@ip-172-31-22-128:/var/www/html$ sudo nano index.html
ubuntu@ip-172-31-22-128:/var/www/html$ client_loop: send disconnect: Broken pipe
mr-arthur@mr-arthur: ~/Desktop$ ssh -i "CDAC4.pem" ubuntu@ec2-54-89-197-92.compute-1.amazonaws.com
Welcome to Ubuntu 24.04 LTS (GNU/Linux 6.8.0-1012-aws x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/pro

System information as of Mon Sep  9 06:17:00 UTC 2024

System load:  0.0          Processes:      111
Usage of /:   26.0% of 6.71GB Users logged in:   1
```

The first screenshot shows the 'Connect to instance' page in the AWS Management Console. The page title is 'Connect to instance' and it provides instructions for connecting to the instance i-023969a80c7ad885e (CDAC4) using the SSH client. The instructions are as follows:

1. Open an SSH client.
2. Locate your private key file. The key used to launch this Instance is CDAC4.pem
3. Run this command, if necessary, to ensure your key is not publicly viewable.  
`chmod 400 "CDAC4.pem"`
4. Connect to your instance using its Public DNS:  
`ec2-54-89-197-92.compute-1.amazonaws.com`

An example command is provided: `ssh -i "CDAC4.pem" ubuntu@ec2-54-89-197-92.compute-1.amazonaws.com`. A note states: 'In most cases, the guessed username is correct. However, read your AMI usage Instructions to check if the AMI owner has changed the default AMI username.'

The second screenshot shows the 'Instances' page in the AWS Management Console. The page title is 'Instances (1/1)' and it displays a table of instances. The table has columns for Name, Instance ID, Instance state, Instance type, Status check, Alarm status, and Availability. The instance i-023969a80c7ad885e (CDAC4) is listed with a state of 'Running' and a status check of '2/2 checks passed'.

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability
CDAC4	i-023969a80c7ad885e	Running	t2.micro	2/2 checks passed	View alarms	us-east-1d

The details for instance i-023969a80c7ad885e (CDAC4) are shown below the table. The details are organized into sections: Instance summary, Public IPv4 address, Private IPv4 addresses, Instance state, and Public IPv4 DNS.

- Instance summary:** Instance ID: i-023969a80c7ad885e (CDAC4), IPv6 address: -
- Public IPv4 address:** 54.89.197.92 | open address
- Private IPv4 addresses:** 172.31.22.128
- Instance state:** Running
- Public IPv4 DNS:** ec2-54-89-197-92.compute-1.amazonaws.com | open address

Question 30

The image consists of two screenshots of a terminal window. The top screenshot shows the nano text editor editing a file named q29.sh. The script prompts the user for a file or directory name, checks if it exists, determines its type (regular file, directory, or other), and then lists it with the 'ls -l' command. The bottom screenshot shows the terminal output after running the script. It shows the user navigating to the Desktop/ShellTest directory, running the script, and then seeing the output of the 'ls -l' command for the specified directory.

```
GNU nano 7.2 q29.sh
#!/bin/bash

# Prompt the user for the name of the file or directory
read -p "Enter the name of the file or directory: " item

# Check if the item exists
if [ -e "$item" ]; then
    # Determine the type of the item
    if [ -f "$item" ]; then
        echo "$item is a regular file."
    elif [ -d "$item" ]; then
        echo "$item is a directory."
    else
        echo "$item is another type of file."
    fi

    # Perform the ls command with long listing option
    ls -l "$item"
else
    echo "$item does not exist."
fi
```

```
mr-arthor@mr-arthor: ~/Desktop/ShellTest
mr-arthor@mr-arthor:~/Desktop$ mkdir ShellTest
mr-arthor@mr-arthor:~/Desktop$ cd SH
bash: cd: SH: No such file or directory
mr-arthor@mr-arthor:~/Desktop$ cd ShellTest/
mr-arthor@mr-arthor:~/Desktop/ShellTest$ nano q29.sh
mr-arthor@mr-arthor:~/Desktop/ShellTest$ chmod u+x q29.sh
mr-arthor@mr-arthor:~/Desktop/ShellTest$ nano q29.sh
mr-arthor@mr-arthor:~/Desktop/ShellTest$ ./q29.sh
Enter the name of the file or directory: /home/mr-arthor/Desktop
/home/mr-arthor/Desktop is a directory.
total 24
lrwxrwxrwx 1 mr-arthor mr-arthor 60 Sep 1 12:48 Career -> /media/mr-arthor/9face6b7-82d2-46ae-a1a4-873644ebcc21/Career
lrwxrwxrwx 1 mr-arthor mr-arthor 58 Sep 1 12:48 CDAC -> /media/mr-arthor/9face6b7-82d2-46ae-a1a4-873644ebcc21/CDAC
drwxrwxr-x 3 mr-arthor mr-arthor 4096 Sep 9 11:02 CDAC4
-rwx----- 1 mr-arthor mr-arthor 1674 Sep 9 11:17 CDAC4.pem
lrwxrwxrwx 1 mr-arthor mr-arthor 65 Sep 1 17:19 Code -> /media/mr-arthor/9face6b7-82d2-46ae-a1a4-873644ebcc21/Trash/Code/
-rw-rw-r-- 1 mr-arthor mr-arthor 1674 Sep 4 16:28 Demo.pem
drwxrwxr-x 2 mr-arthor mr-arthor 4096 Sep 9 11:35 ShellTest
lrwxrwxrwx 1 mr-arthor mr-arthor 53 Sep 4 09:41 Stuff -> /media/mr-arthor/9face6b7-82d2-46ae-a1a4-873644ebcc21
lrwxrwxrwx 1 mr-arthor mr-arthor 59 Sep 1 12:48 Trash -> /media/mr-arthor/9face6b7-82d2-46ae-a1a4-873644ebcc21/Trash
mr-arthor@mr-arthor:~/Desktop/ShellTest$
```

Question 30

```

Mon Sep 9 11:43:19 AM
mr-arthor@mr-arthor: ~/Desktop/ShellTest

mr-arthor@mr-arthor: ~/Desktop
x mr-arthor@mr-arthor: ~/Desktop/ShellTest
x mr-arthor@mr-arthor: ~/Desktop/CDAC4
v

mr-arthor@mr-arthor:~/Desktop$ cd ShellTest/
mr-arthor@mr-arthor:~/Desktop/ShellTest$ nano q29.sh
mr-arthor@mr-arthor:~/Desktop/ShellTest$ chmod u+x q29.sh
mr-arthor@mr-arthor:~/Desktop/ShellTest$ nano q29.sh
mr-arthor@mr-arthor:~/Desktop/ShellTest$ ./q29.sh
Enter the name of the file or directory: /home/mr-arthor/Desktop
/home/mr-arthor/Desktop is a directory.
total 24
lrwxrwxrwx 1 mr-arthor mr-arthor 60 Sep 1 12:48 Career -> /media/mr-arthor/9face6b7-82d2-46ae-a1a4-873644ebcc21/Career
lrwxrwxrwx 1 mr-arthor mr-arthor 58 Sep 1 12:48 CDAC -> /media/mr-arthor/9face6b7-82d2-46ae-a1a4-873644ebcc21/CDAC
drwxrwxr-x 3 mr-arthor mr-arthor 4096 Sep 9 11:02 CDAC4
-rwx----- 1 mr-arthor mr-arthor 1674 Sep 9 11:17 CDAC4.pem
lrwxrwxrwx 1 mr-arthor mr-arthor 65 Sep 1 17:19 Code -> /media/mr-arthor/9face6b7-82d2-46ae-a1a4-873644ebcc21/Trash/Code/
-rw-rw-r-- 1 mr-arthor mr-arthor 1674 Sep 4 16:28 Demo.pem
drwxrwxr-x 2 mr-arthor mr-arthor 4096 Sep 9 11:35 ShellTest
lrwxrwxrwx 1 mr-arthor mr-arthor 53 Sep 4 09:41 Stuff -> /media/mr-arthor/9face6b7-82d2-46ae-a1a4-873644ebcc21
lrwxrwxrwx 1 mr-arthor mr-arthor 59 Sep 1 12:48 Trash -> /media/mr-arthor/9face6b7-82d2-46ae-a1a4-873644ebcc21/Trash
mr-arthor@mr-arthor:~/Desktop/ShellTest$ nano q30.sh
mr-arthor@mr-arthor:~/Desktop/ShellTest$ chmod u+x .sh
chmod: cannot access '.sh': No such file or directory
mr-arthor@mr-arthor:~/Desktop/ShellTest$ chmod u+x q30.sh
mr-arthor@mr-arthor:~/Desktop/ShellTest$ ./q30.sh
Usage: ./q30.sh <file_or_directory_name>
mr-arthor@mr-arthor:~/Desktop/ShellTest$ ls
q29.sh q30.sh
mr-arthor@mr-arthor:~/Desktop/ShellTest$ ./q30.sh q29.sh
q29.sh is a regular file.
-rwxrwxr-- 1 mr-arthor mr-arthor 526 Sep 9 11:34 q29.sh
mr-arthor@mr-arthor:~/Desktop/ShellTest$

Mon Sep 9 11:43:24 AM
mr-arthor@mr-arthor: ~/Desktop/ShellTest

mr-arthor@mr-arthor: ~/Desktop
x mr-arthor@mr-arthor: ~/Desktop/ShellTest
x mr-arthor@mr-arthor: ~/Desktop/CDAC4
v

GNU nano 7.2 q30.sh
# ./bin/bash

# Check if an argument was provided
if [ -z "$1" ]; then
    echo "Usage: $0 <file_or_directory_name>"
    exit 1
fi

# Store the argument in a variable
item="$1"

# Check if the item exists
if [ -e "$item" ]; then
    # Determine the type of the item
    if [ -f "$item" ]; then
        echo "$item is a regular file."
    elif [ -d "$item" ]; then
        echo "$item is a directory."
    else
        echo "$item is another type of file."
    fi

    # Perform the ls command with long listing option
    ls -l "$item"
else
    Read 27 lines
    ^C Help      ^O Write Out  ^W Where Is   ^K Cut        ^T Execute    ^C Location   M-U Undo      M-A Set Mark
    ^X Exit      ^R Read File  ^N Replace    ^U Paste      ^J Justify    ^_ Go To Line M-E Redo      M-6 Copy

```