

QUESTION 1:

1.to add directory and list the files in it

```
erickj@LAPTOP-RCOEK662: ~$ cd exam1
erickj@LAPTOP-RCOEK662:~/exam1$ mkdir exam2
erickj@LAPTOP-RCOEK662:~/exam1$ cd exam2
erickj@LAPTOP-RCOEK662:~/exam1/exam2$ mkdir file1
erickj@LAPTOP-RCOEK662:~/exam1/exam2$ mkdir file2
erickj@LAPTOP-RCOEK662:~/exam1/exam2$ mkdir file3
erickj@LAPTOP-RCOEK662:~/exam1/exam2$ cd file1
erickj@LAPTOP-RCOEK662:~/exam1/exam2/file1$ cat > file1.txt
hi this is file1

erickj@LAPTOP-RCOEK662:~/exam1/exam2/file1$ cd file2
-bash: cd: file2: No such file or directory
erickj@LAPTOP-RCOEK662:~/exam1/exam2/file1$ cd ..
erickj@LAPTOP-RCOEK662:~/exam1/exam2$ cd file2
erickj@LAPTOP-RCOEK662:~/exam1/exam2/file2$ cat > file2.txt
this is file 2
erickj@LAPTOP-RCOEK662:~/exam1/exam2/file2$ cd ..
erickj@LAPTOP-RCOEK662:~/exam1/exam2$ cd file3
erickj@LAPTOP-RCOEK662:~/exam1/exam2/file3$ cat > file3.txt
this is file3
erickj@LAPTOP-RCOEK662:~/exam1/exam2/file3$ ls -l exam2
ls: cannot access 'exam2': No such file or directory
erickj@LAPTOP-RCOEK662:~/exam1/exam2/file3$ cd ..
erickj@LAPTOP-RCOEK662:~/exam1/exam2$ cd ..
erickj@LAPTOP-RCOEK662:~/exam1$ ls -l exam2
total 12
drwxr-xr-x 2 erickj erickj 4096 Jun  8 11:18 file1
drwxr-xr-x 2 erickj erickj 4096 Jun  8 11:20 file2
drwxr-xr-x 2 erickj erickj 4096 Jun  8 11:22 file3
erickj@LAPTOP-RCOEK662:~/exam1$ ls -l exam2/file1
total 4
-rw-r--r-- 1 erickj erickj 18 Jun  8 11:18 file1.txt
erickj@LAPTOP-RCOEK662:~/exam1$ ls -l exam2/file2
total 4
-rw-r--r-- 1 erickj erickj 15 Jun  8 11:21 file2.txt
erickj@LAPTOP-RCOEK662:~/exam1$ ls -l exam2/file3
total 4
-rw-r--r-- 1 erickj erickj 14 Jun  8 11:22 file3.txt
erickj@LAPTOP-RCOEK662:~/exam1$ |
```

2. to create a shell script for primenumber

```
#!/bin/bash
```

```
echo -n "Enter a number: "
```

```
read number
```

```
prime=1
```

```
if [ $number -eq 0 ] || [ $number -eq 1 ]; then
```

```
    prime=0
```

```
else
```

```
    for ((i=2; i*i<=number; i++)); do
```

```
        if [ $(($number % i)) -eq 0 ]; then
```

```
            prime=0
```

```
            break
```

```
        fi
```

done

```
if [ $prime -eq 1 ]; then
```

```
echo "$number is a prime number."
```

else

```
echo "$number is not a prime number."
```

fi

output:

```
erickj@LAPTOP-RCOEK662: ~$  
erickj@LAPTOP-RCOEK662:~/exam1$  
erickj@LAPTOP-RCOEK662:~/exam1$ vi primenum.sh  
erickj@LAPTOP-RCOEK662:~/exam1$ chmod +x primenum.sh  
erickj@LAPTOP-RCOEK662:~/exam1$ ./primenum.sh  
enter a number:  
3  
3 is a prime number  
erickj@LAPTOP-RCOEK662:~/exam1$ ./primenum.sh  
enter a number:  
4  
/primenum.sh: line 7: [0: command not found  
4 is a prime number  
erickj@LAPTOP-RCOEK662:~/exam1$ vi primenum.sh  
erickj@LAPTOP-RCOEK662:~/exam1$ chmod +x primenum.sh  
erickj@LAPTOP-RCOEK662:~/exam1$ ./primenum.sh
```

[illegible]

3. to push the file into the git

```
$ git init
```

```
$ git init
Initialized empty Git repository in //wsl.localhost/Ubuntu/home/erickj/exam1/.git/
```

```
erick@LAPTOP-RCOEK662 MINGW64 //wsl.localhost/Ubuntu/home/erickj/exam1
```

```
$ git config --global user.name "Conscript-security"
```

```
erick@LAPTOP-RCOEK662 MINGW64 //wsl.localhost/Ubuntu/home/erickj/exam1
```

```
ERICK@LAPTOP-RCOEK66Z MINGW64 //WSL:localhost/0
$ git config --global user.name "Erickjames292"
```

```

erick@LAPTOP-RCOEK662 MINGW64 //wsl.localhost/Ubuntu/home/erickj/exam1
$ git config --global user.email "Erickjames2025@mca.ajce.in"

erick@LAPTOP-RCOEK662 MINGW64 //wsl.localhost/Ubuntu/home/erickj/exam1
$ git init
Reinitialized existing Git repository in
//wsl.localhost/Ubuntu/home/erickj/exam1/.git/

erick@LAPTOP-RCOEK662 MINGW64 //wsl.localhost/Ubuntu/home/erickj/exam1
$ git add primenum.sh
fatal: detected dubious ownership in repository at
'//wsl.localhost/Ubuntu/home/erickj/exam1'
To add an exception for this directory, call:

        git config --global --add safe.directory
'%(prefix)//wsl.localhost/Ubuntu/home/erickj/exam1'

erick@LAPTOP-RCOEK662 MINGW64 //wsl.localhost/Ubuntu/home/erickj/exam1
$ git config --global --add safe.directory
'%(prefix)//wsl.localhost/Ubuntu/home/erickj/exam1'

erick@LAPTOP-RCOEK662 MINGW64 //wsl.localhost/Ubuntu/home/erickj/exam1 (master)
$ git add primenum.sh
warning: in the working copy of 'primenum.sh', LF will be replaced by CRLF the next
time Git touches it

erick@LAPTOP-RCOEK662 MINGW64 //wsl.localhost/Ubuntu/home/erickj/exam1 (master)
$ git commit -m "first commit"
[master (root-commit) 24760cc] first commit
1 file changed, 26 insertions(+)
create mode 100644 primenum.sh

erick@LAPTOP-RCOEK662 MINGW64 //wsl.localhost/Ubuntu/home/erickj/exam1 (master)
$ git remote add origin https://github.com/Erickjames292/myrepository.git
erick@LAPTOP-RCOEK662 MINGW64 //wsl.localhost/Ubuntu/home/erickj/exam1 (master)
$ git push -u origin main
error: src refspec main does not match any
error: failed to push some refs to
'https://github.com/Erickjames292/myrepository.git'

erick@LAPTOP-RCOEK662 MINGW64 //wsl.localhost/Ubuntu/home/erickj/exam1 (master)
$ ^C

erick@LAPTOP-RCOEK662 MINGW64 //wsl.localhost/Ubuntu/home/erickj/exam1 (master)
$ git push -u origin master
info: please complete authentication in your browser...
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% (3/3), 403 bytes | 50.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'master' on GitHub by visiting:
remote:      https://github.com/Erickjames292/myrepository/pull/new/master
remote:
To https://github.com/Erickjames292/myrepository.git
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.

```

Link to the repository: <https://github.com/Erickjames292/myrepository.git>

