**Internal Commands:-**

1. **cd**
   * Operations

1.) cd (#directory) -> Moves to the given directory

2.) cd .. -> Moves the directory back one directory

3.) cd / -> Moves to the parent directory

* Edge Cases

1. Invalid syntax error -> eg- cd
2. File doesn’t exit -> eg- cd test (test doesn’t exist in the directory)
3. **echo**
   * Operations

1.) echo (#string) -> Prints the given string

2.) echo \* -> Prints all the files present in the current directory

3.) echo -n (#string) -> Prints the given string without the newline character

* Edge Cases

1. Invalid syntax error -> eg- echo
2. Invalid operation error -> eg- echo -t Hello World (-t is not a function)
3. **pwd**
   * Operations

1.) pwd -> Prints the current directory

2.) pwd -L -> Prints the current directory (prints value of $PWD)

3.) pwd -P -> Prints the physical directory (without symbolic links)

* Edge Cases

1. Invalid syntax error -> eg- pwd hello
2. Invalid operation error -> eg- pwd -t (-t is not a function)

**External Commands:-**

1. **ls**
   * Operations

1.) ls -> Prints all the files/folder in the current directory

2.) ls -a -> Prints all the files/folder and hidden files/folder

3.) ls -p -> Prints all the files and indicate folders with a “/”

* Edge Cases

1. Invalid operation error -> eg- ls -t (-t is not a function)
2. File doesn’t exit -> eg- ls test (test doesn’t exist in the directory)
3. **cat**
   * Operations

1.) cat (#file.txt) -> Prints the content of the text file

2.) cat > (#file.txt) -> Creates a text file of the given name

3.) cat (#file.txt) (#file.txt) -> Prints the content of both the text files

* Edge Cases

1. Invalid operation error -> eg- cat -t test.txt (-t is not a function)
2. File doesn’t exit -> eg- cat test.txt (test doesn’t exist)
3. **date**
   * Operations

1.) date -> Prints the current local date-time

2.) date -u -> Prints the universal date-time

3.) date -R -> Prints the local date-time in RFC 5322 format

* Edge Cases

1. Invalid operation error -> eg- date -t (-t is not a function)
2. Invalid syntax error -> eg- date Hello
3. **rm**
   * Operations

1.) rm (#filename) -> Deletes the specified file

2.) rm -i (#filename) -> Deletes the specified file after confirming

3.) rm -v (#filename) -> Deletes the specified file while informing

* Edge Cases

1.) Invalid operation error -> eg- rm -t (#filename) (-t is not a function)

2.) File doesn’t exist -> eg- rm test (test doesn’t exist)

1. **mkdir**
   * Operations

1.) mkdir (#filename) -> Makes a directory of the given name

2.) mkdir -v (#filename) -> Makes a directory while informing

3.) mkdir -m=(#level) (#filename) -> Makes a directory with the given level

* Edge Cases

1.) Invalid operation error -> eg- mkdir -t (#filename) (-t is not a function)

2.) File already exists -> eg- mkdir test (test already exists)

3.) Unable to create directory -> eg- mkdir test/test1 (test doesn’t exists)

**Testcases**:-

* cd test
* cd ..
* cd /
* echo Hello World
* echo -n Hello World
* echo \*
* pwd
* pwd -L
* pwd -P
* ls
* ls -a
* ls -p
* cat test.txt
* cat > test.txt
* cat test1.txt test2.txt
* date
* date -u
* date -R
* rm test.txt
* rm -i test.txt
* rm -v test.txt
* mkdir test
* mkdir -v test
* mkdir -m=400 test