```
$ pwd   // check current working directory or locations
// /c/Users/bk628/OneDrive/Desktop/WEB_DEV

$ echo "Hello World"     // takes input and print output
// Hello World

$ ls       // Show all the file inside that folder
// note.txt

$ ls -a       // Show all the file includeing hidden inside that folder
// ./  ../  note.txt

$ ls -l     // list down and check the permission allow for the file
also size print
/*total 4
-rw-r--r-- 1 bk628 197609    0 May 30 23:00 new.txt
drwxr-xr-x 1 bk628 197609    0 May 30 23:04 new_folder/
-rw-r--r-- 1 bk628 197609 1441 May 30 23:19 note.txt*/

$ ls -al     // list down and check the permission allow for the file
including hidden file also print size
/*
total 9
drwxr-xr-x 1 bk628 197609  0 May 30 22:55 ./
drwxr-xr-x 1 bk628 197609  0 May 30 22:22 ../
-rw-r--r-- 1 bk628 197609 42 May 30 22:56 note.txt
*/

$ touch new.txt    // create new file

$ ls
// new.txt  note.txt

$ mkdir new_folder    // create new folder/directory

$ ls
// new.txt  new_folder/  note.txt

$ clear     // used to clear the page

$ pwd   // check current working directory or locations
// /c/Users/bk628/OneDrive/Desktop/WEB_DEV
```

```
$ cd new_folder     // used to change or move directory or folder

$ pwd   // check current working directory or locations
// /c/Users/bk628/OneDrive/Desktop/WEB_DEV/new_folder

$ cd .      // noting changes same folder

$ pwd
// /c/Users/bk628/OneDrive/Desktop/WEB_DEV/new_folder

$ cd ..     // used to 1 folder back

$ pwd
// /c/Users/bk628/OneDrive/Desktop/WEB_DEV

$ touch .hidden     // create hidden file

$ ls
// new.txt  new_folder/  note.txt

$ ls -a
// ./  ../  .hidden  new.txt  new_folder/  note.txt

$ ls
// new.txt  new_folder/  note.txt

$ cp note.txt new_folder   // copy note.txt file and paste in
new_folder

$ cd new_folder

$ ls
// note.txt

$ mv new.txt new_folder // move new.txt file and paste in new_folder

$ cd ..

$ ls
// new_folder/  note.txt

$ cd new_folder
```

```
$ ls
// new.txt  note.txt

$ touch bash1.sh
$ touch bash2.sh

$ ls bash*  // print all the file or folder that are starts with bash
// bash1.sh  bash2.sh

$ ls new*
/*new.txt
new_folder:
note.txt*/

$ ls new.txt    // print only new.txt file if available
// new.txt

$ cd -  // print and back last/previous working directory
// /c/Users/bk628/OneDrive/Desktop/WEB_DEV/new_folder

$ pwd
/c/Users/bk628/OneDrive/Desktop/WEB_DEV/new_folder

$ cd ..

$ pwd
// /c/Users/bk628/OneDrive/Desktop/WEB_DEV

$ cd ~  // back to home or root directory

$ pwd
/c/Users/bk628

$ cat note.txt  // print all data or content inside note.txt file

$ less note.txt // print onle some data or content inside note.txt file
=> enter space or up and down key for next set of data

$ curl
// curl: try 'curl --help' or 'curl --manual' for more information

$ curl www.google.com   // print some source code of google.com website
```

```
$ clear

$ curl -o google.html www.google.com    // download google.com data in
google.html file
/*  % Total    % Received % Xferd  Average Speed   Time    Time
Time  Current
                                 Dload  Upload   Total   Spent    Left
Speed
  0     0    0     0    0     0      0      0 --:--:-- --:--:-  0     0
0     0    0     0      0      0 --:--:-- --:--:-100 19577    0 19577
0     0  29487      0 --:--:-- --:--:-- --:--:-- 29572
*/

$ ls
// bash1.sh  bash2.sh  google.html  new_folder/  note.txt

$ curl -o word.txt http://www.mit.edu/\~ecprice/wordlist.10000  //
download into word.txt file
/* % Total    % Received % Xferd  Average Speed   Time    Time     Time
Current
                                 Dload  Upload   Total   Spent    Left
Speed
  0     0    0     0    0     0      0      0 --:--:-- --:--:-  0     0
0     0    0     0      0      0 --:--:-- --:--:-100 75880  100 75880
0     0  73553      0  0:00:01  0:00:01 --:--:-- 73741
*/

$ ls
// bash1.sh  bash2.sh  google.html  new_folder/  note.txt  word.txt

$ curl http://www.mit.edu/\~ecprice/wordlist.10000  // print all output
of file

$ less note.txt
/echo   // search echo inside note.txt file
// type n for next occurence

$ cp new_folder new_folder2     // not copy folder => not work these
commands for folder
// cp: -r not specified; omitting directory 'new_folder'

$ cp -r  new_folder new_folder2   // copy all data inside the
new_folder into new_folder2
```

```
$ cd new_folder2

$ ls
// new.txt  note.txt

$ cd ..

$ ls
// bash1.sh  google.html  new_folder2/  word.txt   bash2.sh
new_folder/  note.txt

$ rm bash1.sh   // remove/delete bash1.sh file

$ ls
// bash2.sh     new_folder/   note.txt    google.html  new_folder2/
word.txt

$ rm *  // delete everything from here

$ rm bash*  // delete all file that starts with bash

$ ls
// google.html  new_folder/  new_folder2/  note.txt  word.txt

$ rm new_folder2      // not copy folder => not work these commands for
folder
// rm: cannot remove 'new_folder2': Is a directory

$ rm -r new_folder2   // delete new_folder2
$ rmdir new_folder2  // delete new_folder2

$ ls
// google.html  new_folder/  note.txt  word.txt


$ wc word.txt   // show total number of words inside word.txt file
// 10000 10000 75880 word.txt

$ wc note.txt   // show total number of words inside note.txt file
// 190  770 5224 note.txt
```

```
$ less word.txt | wc        // pyping concept => print the output/total
number of words and tanking input in wc
// 10000   10000   75880

$ grep py word.txt  // global regular expression print =>  print all
words that contains py inside the word.txt file
/*copy
copying
copyright
copyrighted
copyrights
floppy
happy
puppy
python
spy
spyware
therapy
*/

$ grep py word.txt | wc   // print or count total number of words that
contains py
//     12      12      92

$ grep hello word.txt
// hello

$ grep hello word.txt | wc
//      1       1       6

$ ls
// google.html  new_folder/  note.txt  word.txt

$ touch bash.sh
/*Inside bash.sh file
echo "Hello, World!"
a=3
echo $a
*/

$ ls
// bash.sh  google.html  new_folder/  note.txt  word.txt
```

```
$ bash bash.sh  // used to run bash.sh file
/*Hello, World!
3*/

$ ./bash.sh  // used to run bash.sh file
/*Hello, World!
3*/

$ cat bash.sh   // print content insided bash.sh file
/*
echo "Hello, World!"

a=3

echo $a
*/

$ echo $PS1     // enviroment variable
// \[\033]0;$TITLEPREFIX:$PWD\007\]\n\[\033[32m\]\u@\h
\[\033[35m\]$MSYSTEM
\[\033[33m\]\w\[\033[36m\]`__git_ps1`\[\033[0m\]\n$

$ export PS1="bharat'   // change shell script



// bashrcgenerator => websites
```