

Linux Commands

1. File & Directory Mangement -

ls - list files and directories

```
swetha@DESKTOP-JGR5ITI MINGW64 ~ (test-branch)
$ ls
'3D Objects'/' Desktop/' Links/
AppData/' Documents/' 'Local Settings'@
'Application Data'@ Downloads/ Music/
Contacts/ Favorites/ 'My Documents'@
Cookies@ IntelGraphicsProfiles/ NTUSER.DAT
```

pwd - show current directory

```
swetha@DESKTOP-JGR5ITI MINGW64 ~ (test-branch)
$ pwd
/c/Users/swetha
```

cd - change directory

```
swetha@DESKTOP-JGR5ITI MINGW64 ~ (test-branch)
$ cd documents

swetha@DESKTOP-JGR5ITI MINGW64 ~/documents (test-branch)
$
```

mkdir - create new directory

```
swetha@DESKTOP-JGR5ITI MINGW64 ~/documents (test-branch)
$ mkdir swetha

swetha@DESKTOP-JGR5ITI MINGW64 ~/documents (test-branch)
$ ls
'1 bit.docx' KiCad/ 'My Pictures'@ 'Practical Electronics for Inventors, 4th Edition ( PDFDrive ) (2).pdf' ROM2.txt desktop.ini html.txt swetha/
1_bit_uc.circ 'My Music'@ 'My Videos'@ ROM.txt 'Virtual Machines'/' desktop.html markdown-guide.pdf
```

rmdir - remove empty directory

```
swetha@DESKTOP-JGR5ITI MINGW64 ~/documents (test-branch)
$ rmdir swetha

swetha@DESKTOP-JGR5ITI MINGW64 ~/documents (test-branch)
$ ls
'1 bit.docx' KiCad/ 'My Pictures'@ 'Practical Electronics for Inventors, 4th Edition ( PDFDrive ) (2).pdf' ROM2.txt desktop.ini html.txt
1_bit_uc.circ 'My Music'@ 'My Videos'@ ROM.txt 'Virtual Machines'/' desktop.html markdown-guide.pdf
```

touch - create empty file

```
swetha@DESKTOP-JGR5ITI MINGW64 ~/documents (test-branch)
$ touch aaaa.txt

swetha@DESKTOP-JGR5ITI MINGW64 ~/documents (test-branch)
$ ls
'1 bit.docx' KiCad/ 'My Pictures'@ 'Practical Electronics for Inventors, 4th Edition ( PDFDrive ) (2).pdf' ROM2.txt aaaa.txt desktop.ini html.txt markdown-guide.pdf
1_bit_uc.circ 'My Music'@ 'My Videos'@ ROM.txt 'Virtual Machines'/' desktop.html
```

find - search for files and directories

```
swetha@DESKTOP-JGR5ITI MINGW64 ~/documents (test-branch)
$ find swetha
swetha
```

mv - move or remove files

```
swetha@DESKTOP-JGR5ITI MINGW64 ~/documents (test-branch)
$ mv aaaa.txt swe.txt.

swetha@DESKTOP-JGR5ITI MINGW64 ~/documents (test-branch)
$ ls
'1 bit.docx'      KiCad/          'My Pictures'@  'Practical Electronics for Inventors, 4th Edition ( PDFDrive ) (2).pdf'  ROM2.txt      desktop.ini  html.txt  swe.txt.
'1_bit_uc.circ'  'My Music'@    'My Videos'@  ROM.txt        'Virtual Machines'/'html.html'  markdown-guide.pdf  swetha/
```