

# Introduction to Ubuntu

Course: Introduction to Programming and Data Structure

**Laltu Sardar**

Institute for Advancing Intelligence (IAI),  
TCG Centres for Research and Education in Science and Technology (TCG Crest)



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# List files/directories and change path

For windows: Install Ubuntu virtual box/mobaxterm

- 1 \$ `pwd` → Print Working Directory
- 2 \$ `ls` → List : print the list of files and directories in current path
- 3 \$ `ls <targetDirPath>` → List : print the list of files and directories in the targeted directory Path
- 4 \$ `cd` → Change working directory to Home directory.
- 5 \$ `cd <targetDirPath>` → Change working directory to targeted directory
- 6 \$ `cd .` → Change to **C**urrent directory
- 7 \$ `cd ..` → Change to **P**arent directory

# Make/Delete/Copy a file/directory

- `$ cp <srcFilePath> <destFilePath>` → COPY a *File* at srcFilePath to destFilePath
- `$ cp -r <srcDirPath> <destDirPath>` → COPY a directory
- `$ exit, ^d` → EXIT an ongoing program
- `$ mkdir <directoryName>` → MAKE the directory
- `$ rmdir <directoryName>` → REMOVE the directory
- `$ rm <fileName>` → REMOVE the file fileName
- `$ rmdir <directoryName>` → REMOVE the directory
- `$ rm -r <directoryName>` → REMOVE the directory
- `$ mv <srcFilePath> <destFilePath>` → MOVE the file

# Printing Contents of a File

- 1 `$ more <fileName>` →
- 2 `$ less <fileName>` →
- 3 `$ cat <fileName>` → whole content
- 4 `$ head <fileName>` → HEAD of the file
- 5 `$ tail <fileName>` →
- 6 `$ man <cmdName>` → show MANUAL of cmdName
- 7 Press “q” to Quit
- 8 `$ top` → Display ongoing programs
- 9 `$ kill -9 <programID>` → Kill the program with id programID
- 10 others– `$ wget, time,`