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BSCS

Operating System Lab

Commands for Ubuntu Linux:

- For making directory:
  mkdir "foldername"

- For removing directory:
  rmdir "foldername"

- For making folder into sub-folders:
  mkdir --p a/b/c/d/e

- For removing folder into sub-folders:
  rmdir --p a/b/c/d/e

- To find at which directory you stand:
  pwd

- For creating files in parent:
  mkdir –p parent{A,B,C}

- For creating text file in documents:

cd documents

cat > "textfile.txt" (Ctrl+D for exiting that file)

- <u>For copy one file to another:</u>
cp "textfile.txt" "textfile1.txt" (i.e textfile1 is copy & created).

- <u>For showing no of line in pipeline:</u>
cat "file.txt" | wc -l

- <u>For showing no of characters in pipeline:</u>
cat "file.txt" | wc -c

- <u>For showing no of words in pipeline:</u>
cat "file.txt" | wc -w

- <u>For copying multiple files into one another:</u>
mkdir "test"
cp "file.txt" "file1.txt" test (i.e copy file in test directory)
cd test
ls
"file.txt" & "file1.txt" (shown)

- <u>For help:</u>
main cp -

- **For overwriting files:**
  cp –I "file.txt" "file1.txt"
  Ask from user "Do you want to overwrite"? Press y for yes or n for no.
  ls (files are shown)

- **For making new directory and copy contents into that directory:**
  cp -r "test" "test1" (test directory data copy into test1)

- **That tell what file data you copy:**
  cp -vR "file.txt" "file2.txt"

- **For moving files:**
  mv "file.txt" "movfile.txt"

- **For creating file by touch (Second method):**
  touch "file.txt"

- **For changing the date time of file:**
  cat"file.txt"
  touch"file.txt"

- **For showing date and time of file and directories:**
  ls -l

- For go to root:
  cd /

- For configuration files:
  ls etc (first go to root)

- For Aliasing:
  alias CD=" cd Desktop" (Which command you most use
  alias that command in this example we use desktop)

- For system user name:
  whoami

- For checking time when you installed Ubuntu:
  who

- For creating files by (Third method):
  cd
  >"file.txt"

- For insert data:
  Printf "Welcome to Fast NUCES"

- For open Nano text editor:
  nano "file.txt"

- **For vi editor:**
  vi "file.txt"