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891915134

Assignment 2

* Use command “mkdir 891915134\_WorkENV” to make the base directory for my work environment. Navigate into the base directory with command “cd ./891915134\_WorkENV”
* Inside the base directory, use command “mkdir Workspace” and navigate inside with cd ./Workspace.
* Create a text file within “Workspace” directory with command “vim My\_first\_txt\_file”. Press “I” for insert mode and type in “Real”. Press ESC and type :wq to write file and exit.
* Create the second text file within “Workspace” directory with command “vim My\_second\_txt\_file”. Press “I” for insert mode and type in “Slim Shady”. Press ESC and type :wq to write file and exit.
* Navigate back to “891915134\_WorkENV” with command “cd ..”. Use command “ln -s My\_first\_soft\_link ./Workspace/My\_first\_txt\_file”. “ln -s” is used to create a soft link followed by the name of the link, following that with the relative path to the text file
* To make a hard link, use the same command as the soft link but without “-s”. Use command “ln My\_first\_hard\_link ./Workspace/My\_second\_txt\_file”.
* Tested out the links using “cat My\_first\_soft\_link” and “cat My\_first\_hard\_link”.
* Go to home directory with “cd ~”. Use command “tar -czf MyWorkEnv.tar.gz ./891915134\_WorkENV”. Options “-c” is used to create archive, option “-z” to zip up file and option “-f” to specify it’s a file being archived and compressed. Following the options is the name of the zipped up file. Zipped archive can be renamed. Following that is the target directory, “./891915134\_WorkENV”
* To send the zipped and archived WorkENV to another machine, use command “scp” known as secure copy. Use command “scp /Users/kevinnguyen/Desktop [891915134@137.151.227.20:/home/891915134](mailto:891915134@137.151.227.20:/home/891915134)”. Command scp is followed by the source path and the target path.
* Within the VCL, to unzip and extract the WorkEnv. Use command “tar -xzf MyWorkENV.tar.gz”