Submission Screen Play

1. Introduction
2. create\_user.sh Demo
   1. Run without arguments
   2. Run with arguments
   3. Switch to new user
   4. Change new user password
   5. Show home directory has been created
3. delete\_user.sh Demo
   1. Run without arguments
   2. Run with bad arguments
   3. Run with valid arguments
   4. Attempt to switch to deleted user and fail
   5. Show that home directory has been deleted.
4. Configure the shell demo
   1. Change prompt to use “$”
   2. Change shell text color to be different from the prompt color
   3. alias lrt = ls -a clear
   4. from one root directory go to another directory in the root directory
   5. Apply changes and confirm results at the commandline (source?)
   6. Update .bashrc file
      1. Create /root/bin/
      2. mv create\_user.sh /root/bin/.
      3. mv delete\_user.sh /root/bin/.
      4. Add /root/bin/ directory to the PATH variable within the .bashrc file
      5. Run the source .bashrc
5. Install vim
6. Run script that updates all installed packages using the packages manager and saves the output to a file called update.log
7. Network Shell Scripts Demo
   1. Show flow chart and run script 1 (repeat for 2 and 3
8. Demo for cleanDir() function
   1. Variable for df search result for disk space in the root partition
   2. Create function cleanDir()
   3. Declare a variable containing a list of directories to clean such as /var/log and $HOME/.cache.
   4. Delete files and subdirectories using cleanDir()
   5. Find the free disk space in the /root partition and store it in a variable, reporting any amount more than zero and responding "No significant disk space was freed" if the amount is zero.
9. Demo Archive and compress script