

COSC519

Dr. Karne

Home work # 1

50 points

1. Install CentOS VM and VM Player on your own Desktop or Laptop to do this homework. If not, you can use 304 lab to do this homework on VM.
2. Learn about 50 distinct commands of Linux/Unix OS by actually running them on the VM machine. Each command must be a distinct one, not with different options in the same command.
3. Learn two commands (objdump and nm) in Linux and try some options in these commands and capture the output. Why do we need these commands?
4. Learn “find” and “grep” commands and show some examples of their usage.
5. What is a shell program in Linux/Unix? Write a small shell program or get any one from the Web and run it and show the results. Include your shell program and results with the homework (a reasonable size program not a trivial one).

Note: When an output for a command is large, trim most of the output and show only small sample to illustrate the work. **Dump all output to single pdf file to submit.**