CSI 3336 Systems Programming

Homework 3

1. Write a command that assigns the value “CSI 3336” to an environment variable named classNumber.
2. Write a command that assigns the value “Systems Programming” to an environment variable  named className.
3. Write a command that concatenates the values found in classNumber and className into a new environment variable named class.
4. Write a command that lists the directory contents of the local directory and all subdirectories.
5. Write a command that creates a new directory named cs3336 in the current working directory.
6. Write a command that displays the current system time.
7. Write a command that changes the permissions of a file named output rwxr-xr— using octal numbers in combination with chmod and using the characters in combination with chmod (without octal numbers).
8. Write a command that displays all exported environment variables.
9. Explain what cat does
10. Explain what less does
11. Write a command that displays the first 5 lines of a file named classList.txt.
12. Write a command that displays the last 10 lines of a file named classList.txt.
13. Write a command that changes the status time (this includes access, modify, and change times) of a file named myFile to the current system time.
14. Write a command that removes all files in the current directory that end with .del
15. What command can be used to copy files from one system to another (e.g. your local computer to the department Linux boxes)?