Homework Assignment # 2
Due Thursday, February 12

Perform each of the following:

1.　　　Write a pipeline to count the number of filenames in the current directory with "**csuser**" as part of the filename.

2.　　　Write a pipeline to determine the **4 largest** files (based on the file's size in bytes) in the current directory.

3.　　　Write a pipeline using "find" to compress any regular files in your home directory, which have been changed in the last 3 days, have names ending in ".compress", and are larger than 81920 bytes.

4.　　　Write a Bourne script to print all of its odd numbered command line arguments in the following format (Note: There can be an arbitrary number of arguments):

Arg #1 = value
Arg #3 = value
… etc …

For example:　The command "myscript a b c d e f g" would print:

Arg #1 = a
Arg #3 = c
Arg #5 = e
Arg #7 = g

5.　　　Write a Bourne script that takes a directory as a command line argument, and print the following for each file, subdirectory, or symbolic link in the specified directory:

file name　　　file type　　　owner　　　check sum

Note: file_type is **regular file**, **directory**, or **link**

Note:　The check sum for a file can be obtained via the cksum command.

Note:　Remember to validate command line arguments.

NOTE:　You should turn in copies of all commands and scripts. In addition, you should turn in output that **demonstrates correct execution** of those commands.