CGS3767osPgm2b

- Go into your virtual machine and load up Fedora
- Create a folder called : program2
- Move to your program2 folder
- Download into the program2 folder this file: http://users.cis.fiu.edu/~mrobi002/downloads/pseudomonas_aeruginosa/pa01nov2006/NC_002516.gbk
- 1 Using the linux terminal commands
 - O Create a linux Script file called yourLastNameFirstNameInitialPgm2.sh In the first line of this file write: #!/bin/bash All the following tasks MUST be done using Linux commands as learned in class. When you execute the .sh file the following will be execute by the .sh file:
 - a Display program two Starting
 - b Write the name of the file just created with all its atributes into a file called stats.txt
 - c Change the access rigths as follows: chmod 755 yourLastNameFirstNameInitialPgm2.sh
 - d Again, write the name of the file just created with all its atributes into a file called stats.txt
 - e Create a directory called dna
 - f Find out how many words, lines/row/records, and how many bytes are in the NC_002516.gbk file. Write that information to a file called dnaCount.txt to be written into the dna folder.
 - g Using the cat command display the contents of the dnaCount.txt file and write its output to a to a file named dnaCount2.txt, in the current directory
 - h Using the cat command merge the following files: dnaCount.txt, NC_002516.gbk, dnaCount2.txt into a new file called merged.txt in the dna folder.
 - i Find out all locations of the word gene in the NC_002516.gbk file and create and outfile file name geneAmts.txt
 - j Display contents in geneAmts.txt
 - j Count the amount of the word "gene" in the geneAmts.txt file, and merge it to the merged.txt file
 - k Display the last lines of the file merged.txt
 - l Display the first 3 lines of the file merged.txt
 - m display program two ended