

COP 3767 - Operating Systems
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program # 3b

This project is worth 9 points total, partial credit will be given.

Using the terminal mode in Linux:

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- 1 - Worth .5 point
 - Create a Script file called lastNameFirstInitialpgm3.sh
 - Make it executable
 - In your Script file
 - Create a file called results.txt
 - Append "Your last name, first name" to the results.txt file
 - Append "OS cgs3767" to the results.txt file
 - Append "Linux script results" to the results.txt file
 - Append "Login at:" to the results.txt file
 - Append current running date and time to the results.txt file

 - 2 - Worth 2 points
 - Implement division by 0, with error trapping, using if and while() commands,
How:
 - Using a while loop,
 - ask the user to enter the first number
 - ask the user to enter the second number
 - Using the if statement, test that the second number is not zero, if it is inform
the user of the error, and ask for a correct second number.
 - if the second number is NOT a zero, do the division. Display all numbers and the
computation using labels.
 - To exit the while loop the user must enter the value 999 for the first or the second
number.
 - Display the two accepted numbers and the result of the division
 - Append the two accepted numbers and the result of the division to the results.txt file

 - 3 - Worth 2 points
 - Doing a for loop from 1 to 100,
 - Find the results of calculating each number from 1 to 100 mod 5.
 - Append each number to the results.txt file
 - After the for loop ends calculate and display the average of the results
 - Append the average of the numbers to the results.txt file

Using the terminal mode in Windows:

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- 4 - Worth .5 point
 - Using the command line at Windows 7
 - Create a batch file called lastNameFirstInitialpgm3.bat
 - In your batch file
 - Append two empty lines to the results.txt file

- Append "Windows batch results" to the results.txt file
- Append "Login at:" to the results.txt file
- Append current running date and time to the results.txt file

5 - Same as number 2 above BUT DONE IN WINDOWS

6 - Same as number 3 above BUT DONE IN WINDOWS

Note: email your attached Script and Batch files.