COP 3767 - Operating Systems
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program # 3a

This exam is worth 10 points total, partial credit will be given,

Using the terminal mode in Linux:
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 1 - Worth 1 point
      Using the command line
      - 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 in 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 numbers that when you calculate number mod 5 equals 3.
      - Add those numbers and after the loop find the average of the numbers found.
      - Append each number to the results.txt file

      - After the for loop ends calculate and display the average of the numbers
      - Append the average of the numbers to the results.txt file

Using the terminal mode in Windows:
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4 - Worth 1 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.