**Notes:**

* Change the code from last time to this one:  
  echo -e “Enter the name of the file: /c”   
  #(/c forces the cursor to stay on the same file)  
  read file\_name  
  if [ -f “$file\_name” ]   
  then  
   if [ -w “$file\_name” ]  
   then  
   echo “Type some text to be appended. To quit press CTRL+D”  
   cat >> $file\_name  
   else  
   echo “You do not have the permissions to write into this file.”  
   fi  
  else  
   echo “$file\_name does not exist.”  
  fi
* Then run the code or create a file if it does not exist and then execute the code.
* Assignment 1:  
  By using today’s code as an inspiration, create a bash script that appends new data to an existing valid file but only if the file is not empty and if the file exists and is a proper file. There are other conditions, which are explained below.
* Conditions are:
  + If the file exists, print out a message saying it was found.
  + If the file is not empty, don’t do anything and just exit out.
  + If the file is empty, ask the user if they would like to add data into the file?
    - If user says yes, use the cat command to let the user add any data they would like to by using the terminal.
    - If the user says no, let them know they chose not to do anything
    - If the answer is not valid, let the user know the answer was invalid
  + If the file was not found, let the user know the file was not found. Then ask the user if they would like to create an empty file.
    - If the user says yes, use a command to create this file. Then report back saying the file was created. Then show the file details by using the long format of the ls command.
    - If the user says no, let them know if their answer and exit out.
    - If the answer was invalid, let them know and exit out.