

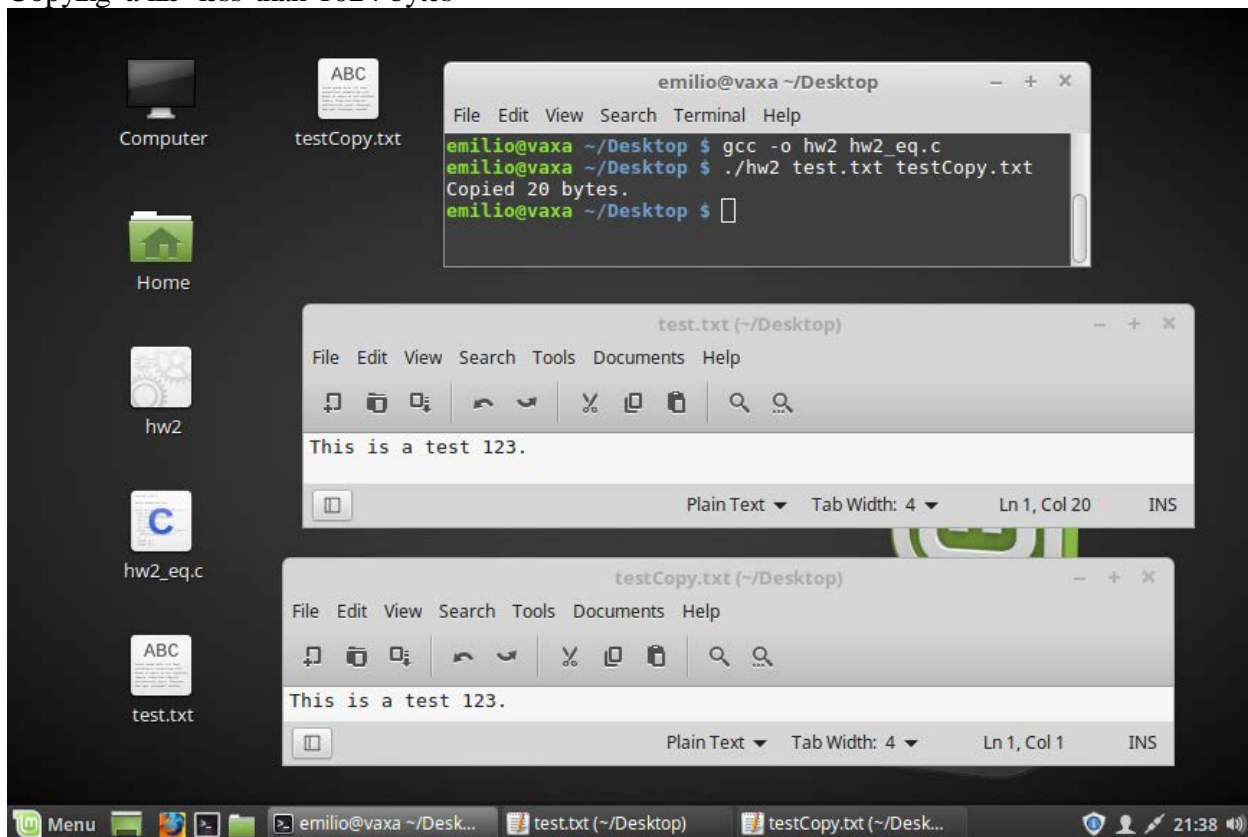
Homework 2

Overview

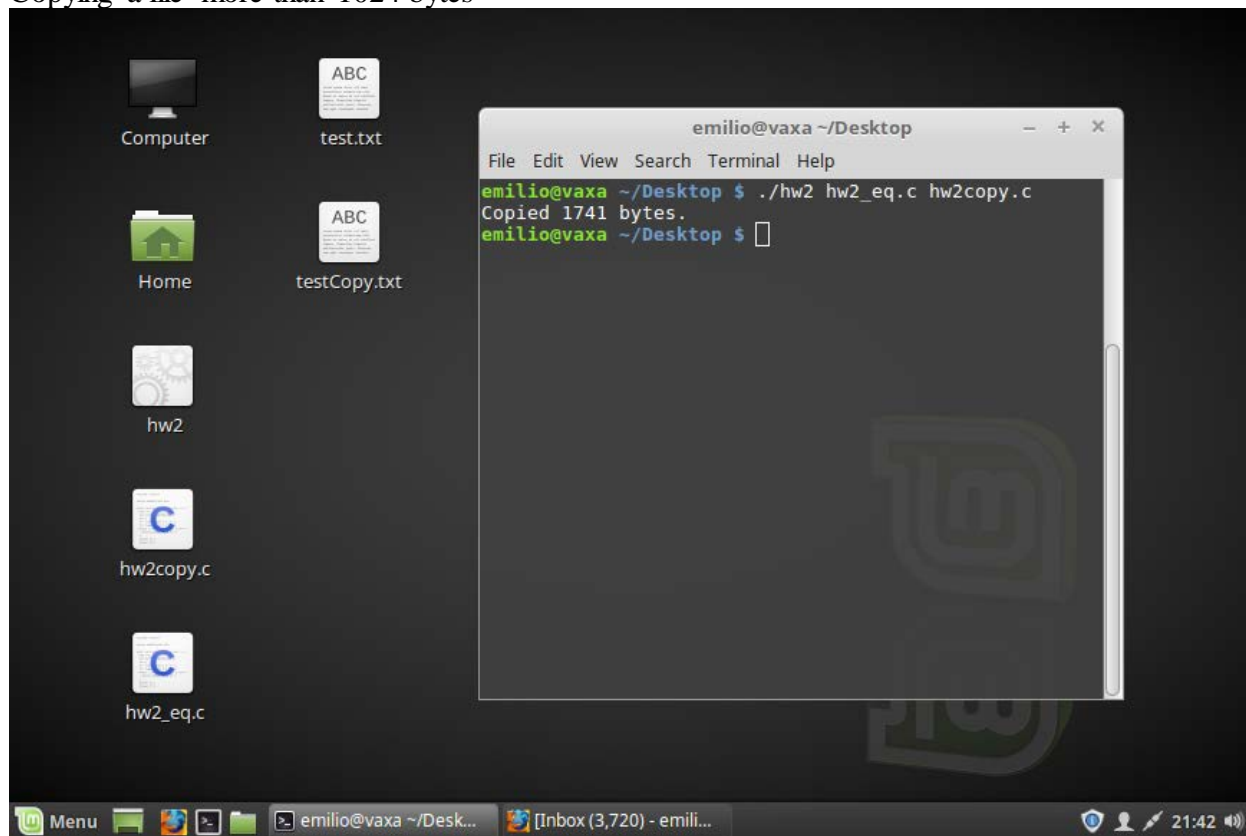
This is a program that copies files like the 'cp' command in UNIX. The program uses a buffer and asks the user for two parameters: the name of the file to copy and the name of the new file that will be created. The program must go through several steps to complete its execution. Any steps that fail will exit the program and output an error. First, it checks if the first parameter (name of the file being copied) exists. If it does, it will then check to make sure a file of the second parameter (name of the new file) does NOT exist in order to prevent any files being deleted or overwritten. If both steps are successful, the program will begin looping through the first file and writing them to the second. Once this is complete, the program will close both files and print out the total number of bytes copied.

Testing

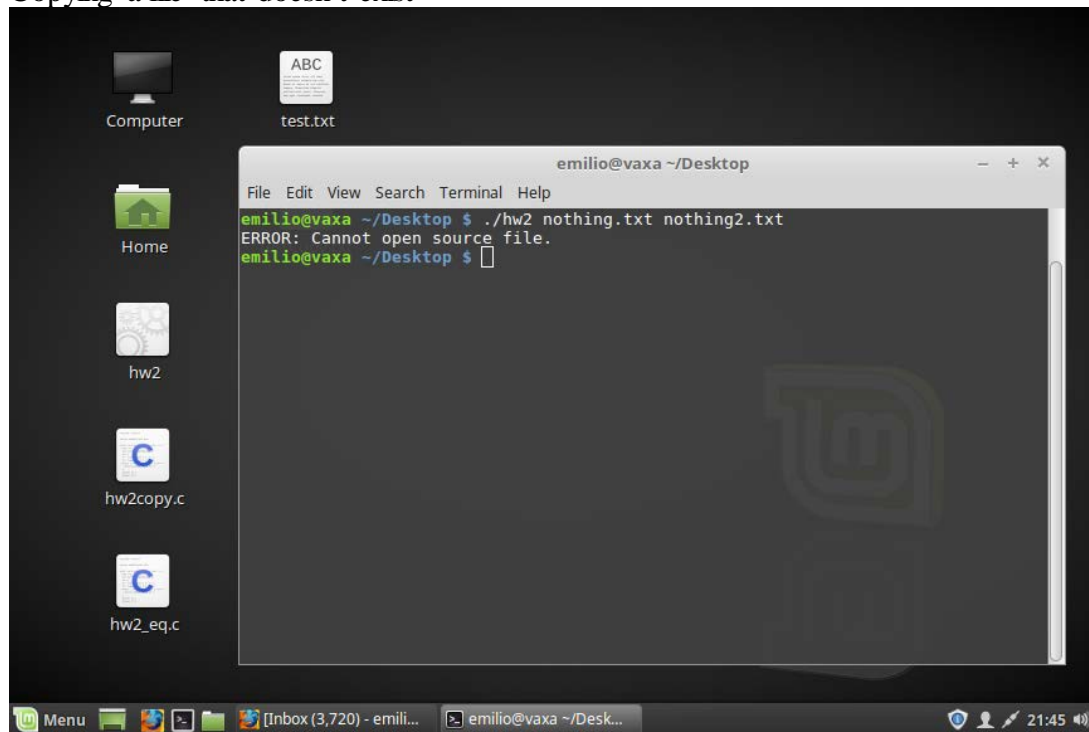
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Copying a file more than 1024 bytes



Copying a file that doesn't exist



Copying a file to an existing name

