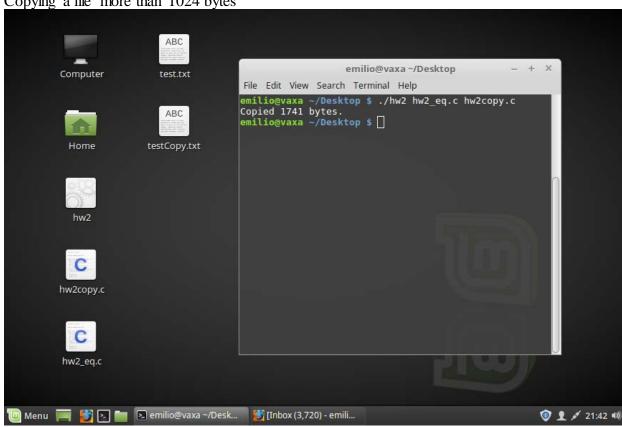
Homework 2

Overview

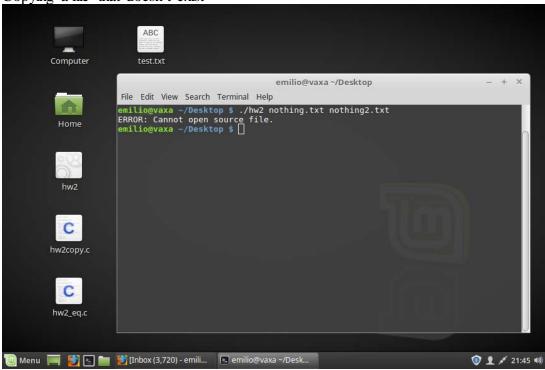
This a program that copies files like the 'cp' command in UNIX. The program uses a buffer and asks the user for two parameters: the name of the file to copy and the name of the new file that will be created. The program must go through several steps to complete its execution. Any steps that fail will 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

Copying a file less than 1024 bytes ABC emilio@vaxa~/Desktop File Edit View Search Terminal Help testCopy.txt Computer emilio@vaxa ~/Desktop \$ gcc -o hw2 hw2_eq.c emilio@vaxa ~/Desktop \$./hw2 test.txt testCopy.txt Copied 20 bytes. emilio@vaxa ~/Desktop \$ File Edit View Search Tools Documents Help o o % 0 hw2 This is a test 123. Tab Width: 4 ▼ Ln 1, Col 20 Plain Text • INS hw2_eq.c File Edit View Search Tools Documents Help ABC 0 0 % P 6 This is a test 123. test.txt Ln 1, Col 1 Plain Text - Tab Width: 4 -INS emilio@vaxa ~/Desk... test.txt (~/Desktop) testCopy.txt (~/Desk... 🛈 👤 💉 21:38 🕪 Copying a file more than 1024 bytes



Copying a file that doesn't exist



Copying a file to an existing name

