**LAB REPORT NO 05**

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**Systems Programming (CSE 302L)**

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**Section: B**

“On my honor, as student of University of Engineering and Technology, I have neither given nor received unauthorized assistance on this academic work”

Signature: \_\_\_\_\_\_\_\_\_\_

Date: Nov 02, 2024

Submitted To: Engr. Madiha Sher

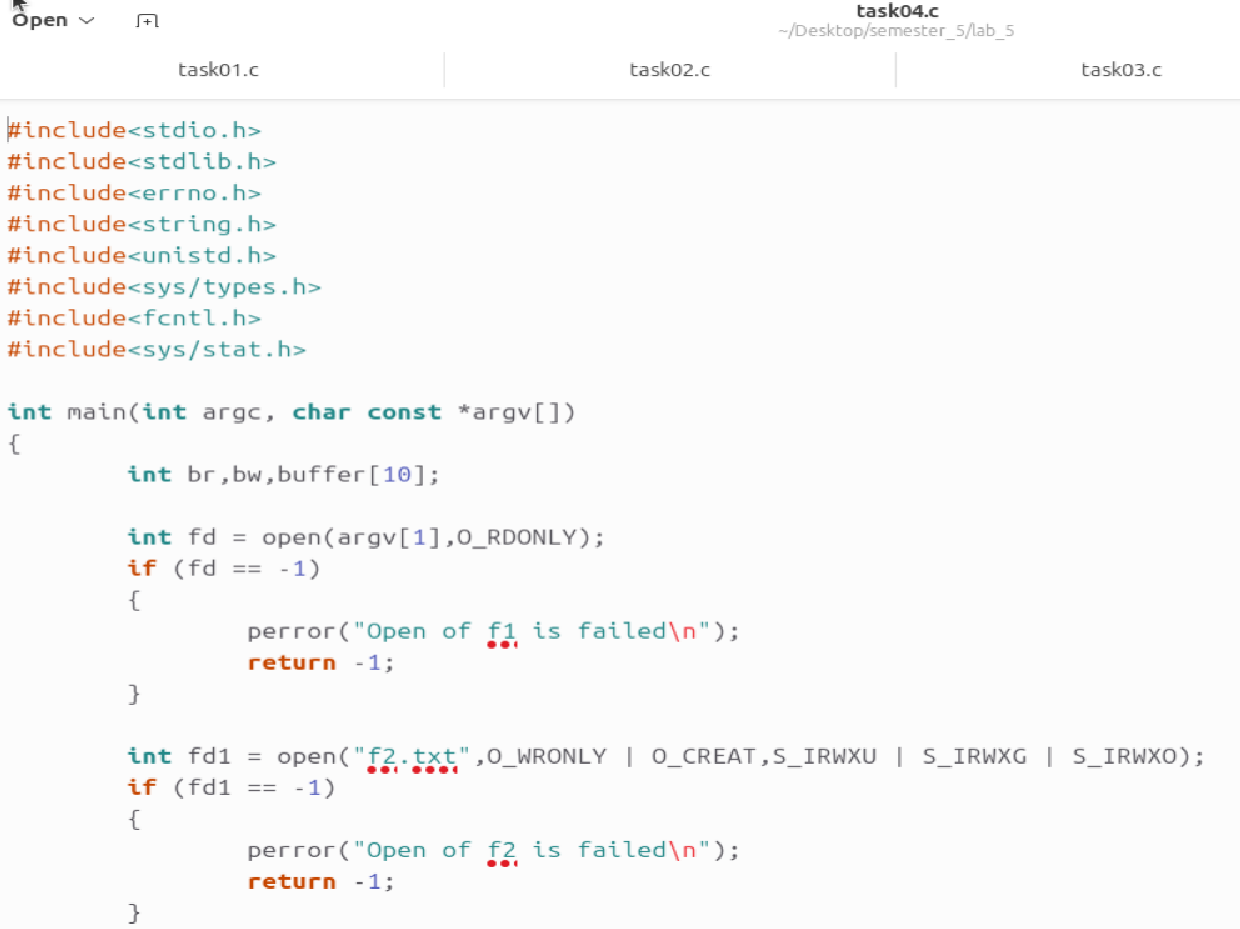
**Department of Computer Systems Engineering**

**University of Engineering and Technology**

**Task 1:** Implement the cp command. Your program shall take the name of the files

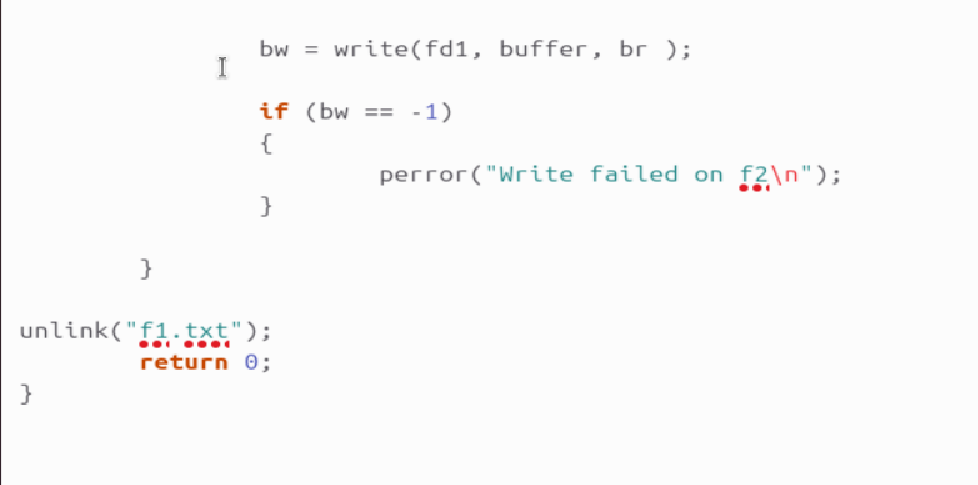
(source and destination) as input from the command line.

Code:



A screenshot of a computer program

Description automatically generated



Output:

A screen shot of a computer

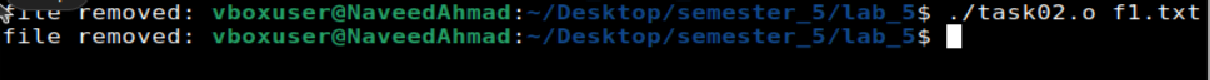
Description automatically generated

**Task 2:** Implement rm command.

A computer code on a white background

Description automatically generated

Output:



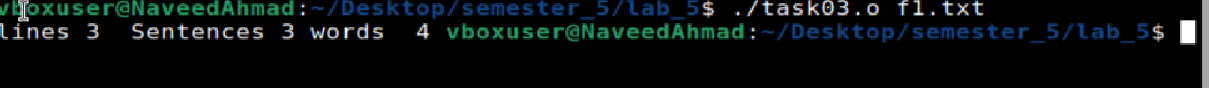
**Task 3:** Implement wc command that displays the number of lines, number of

words and size of file. Take the name of the file as input from the user.

Code:



Output:



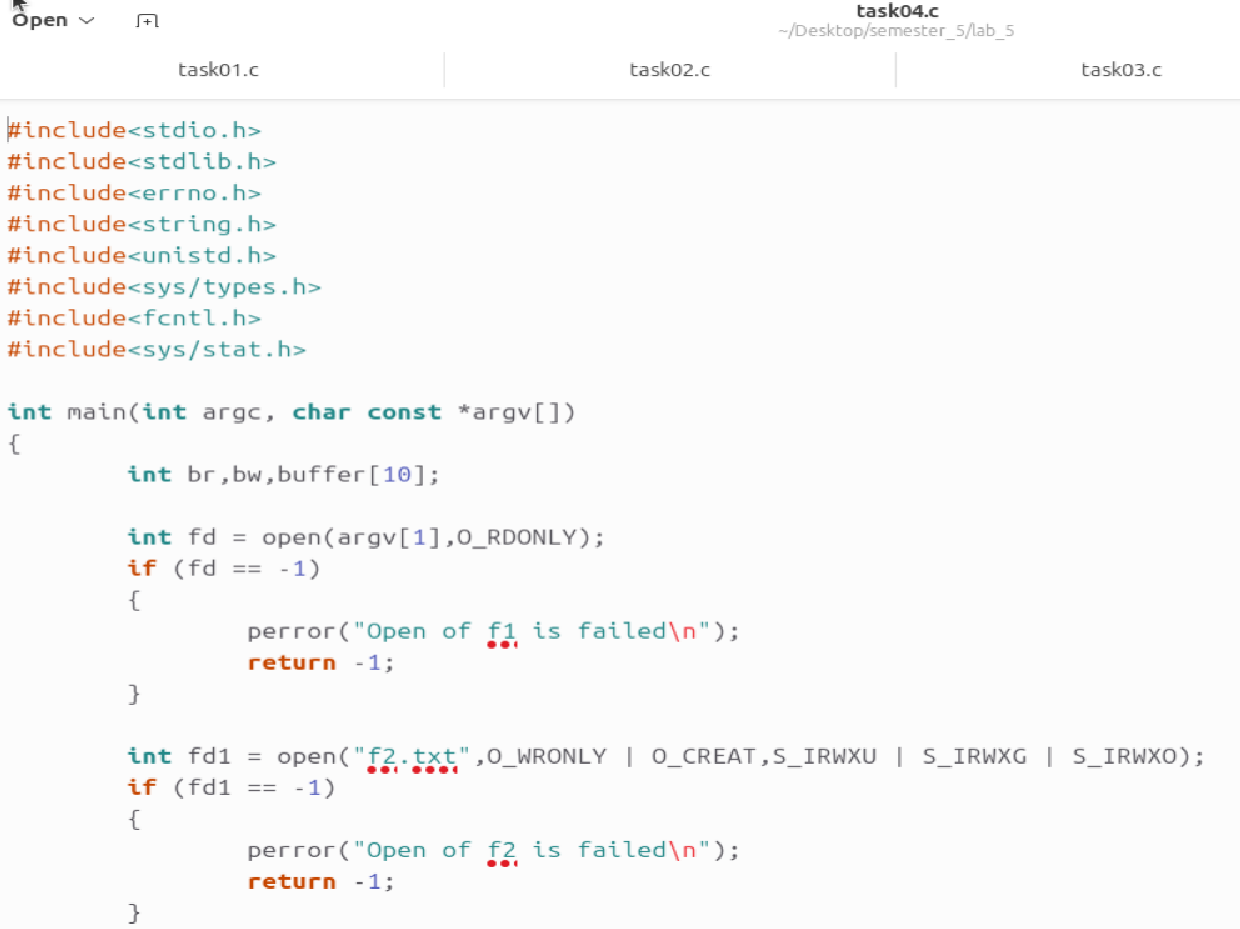
**Task 4:** *Implement a function that reads a single line from a file and returns the*

*number of bytes in the line that was read. Additionally, the function should store the*

*contents of the line in a buffer. In the main function, repeatedly call this line-reading*

*function until the end of the file is reached.*

Code:



A screenshot of a computer program

Description automatically generated

A computer screen shot of a code

Description automatically generated

Output:

A screen shot of a computer

Description automatically generated