Lab: File Handling

1. File Opener

You are given a file called **text.txt** with the following text:

> This is some random line
>
> This is the second line
>
> And this is the third one

Create a program that opens the file. If the file is found, print **'File found'**. If the file is not found, print **'File not found'**.

2. File Reader

You are given a file called **numbers.txt** with the following content:

> 1
>
> 2
>
> 3
>
> 4
>
> 5

Create a program that reads the numbers from the file. Print on the console the **sum** of those numbers.

3. File Writer

Create a program that creates a file called **my_first_file.txt**. In that file, write a single line with the content: **'I just created my first file!'**

4. File Delete

Create a program that deletes the file you created in the previous task. If you try to delete the file multiple times, print the message: **'File already deleted!'**.

5. Word Count

Write a program that reads a list of words from the file **words.txt** and finds how **many times** each of the words is contained in another file **text.txt**. Matching should be **case-insensitive**.

The results should be written to **other text files**. **Sort** the words by frequency in **descending order**.

Examples

words.txt	input.txt	output.txt
quick is fault	-I was quick to judge him, but it wasn't his fault.	is - 3

	-Is this some kind of joke?! Is it?	quick - 2
	-Quick, hide here…It is safer.	fault - 1

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