

1. File Creation

Write a Python program to create a file named `data.txt` and write the text "Python file handling practice" into it.

2. Read Entire File

Write a program to read and display the entire contents of `data.txt`.

3. Read Line by Line

Write a program to read a file line by line and print each line with its line number.

4. Count Words

Write a program to count the total number of words in a text file.

5. Count Characters

Write a program to count:

- total characters
- number of uppercase letters
- number of lowercase letters

6. Search a Word

Write a program to check whether a given word exists in a file or not (case-sensitive).

7. Replace Text

Write a program to replace an existing text (word) "old" with "new" text in a file.

8. Copy File Contents

Write a program to copy the contents of `source.txt` into `destination.txt`.

9. Remove Blank Lines

Write a program to remove all blank lines from a text file and save the cleaned data back into the same file.

10. Count frequency of each word in a file.