
File Handling Exercises (10)

Exercise 1

Write a Python program to create a file named `notes.txt` and write 5 lines of text into it.

Exercise 2

Write a program to read and print the contents of `notes.txt` line by line.

Exercise 3

Write a program that appends a new line to an existing file `notes.txt` that says:
"This is an appended line."

Exercise 4

Write a program that counts the number of lines in a given file.

Exercise 5

Write a program that reads a file and counts the number of words in it.

Exercise 6

Write a program to copy the contents of one file (`source.txt`) to another file (`backup.txt`).

Exercise 7

Write a program that reads a text file and prints only those lines that contain the word "Python".

Exercise 8

Write a program to read a CSV file named `students.csv` and print name and marks of each student.

Exercise 9

Write a program that writes the squares of numbers from 1 to 10 into a file (`numbers.txt`), one per line.

Exercise 10

Write a log writer program using append mode that adds entries like:

`"2025-01-01 10:30:45 - Application started"`

Use the `datetime` module.
