**Python File Input Output[ 21 exercises with solution]**

[*An editor is available at the bottom of the page to write and execute the scripts.*]

**1.** Write a Python program to read an entire text file. [Go to the editor](https://www.w3resource.com/python-exercises/file/index.php#EDITOR)  
[Click me to see the sample solution](https://www.w3resource.com/python-exercises/file/python-io-exercise-1.php)

**2.** Write a Python program to read first n lines of a file. [Go to the editor](https://www.w3resource.com/python-exercises/file/index.php#EDITOR)  
[Click me to see the sample solution](https://www.w3resource.com/python-exercises/file/python-io-exercise-2.php)

**3.** Write a Python program to append text to a file and display the text. [Go to the editor](https://www.w3resource.com/python-exercises/file/index.php#EDITOR)  
[Click me to see the sample solution](https://www.w3resource.com/python-exercises/file/python-io-exercise-3.php)

**4.** Write a Python program to read last n lines of a file. [Go to the editor](https://www.w3resource.com/python-exercises/file/index.php#EDITOR)  
[Click me to see the sample solution](https://www.w3resource.com/python-exercises/file/python-io-exercise-4.php)

**5.** Write a Python program to read a file line by line and store it into a list. [Go to the editor](https://www.w3resource.com/python-exercises/file/index.php#EDITOR)   
[Click me to see the sample solution](https://www.w3resource.com/python-exercises/file/python-io-exercise-5.php)

**6.** Write a Python program to read a file line by line store it into a variable. [Go to the editor](https://www.w3resource.com/python-exercises/file/index.php#EDITOR)   
[Click me to see the sample solution](https://www.w3resource.com/python-exercises/file/python-io-exercise-6.php)

**7.** Write a Python program to read a file line by line store it into an array. [Go to the editor](https://www.w3resource.com/python-exercises/file/index.php#EDITOR)  
[Click me to see the sample solution](https://www.w3resource.com/python-exercises/file/python-io-exercise-7.php)

**8.** Write a python program to find the longest words. [Go to the editor](https://www.w3resource.com/python-exercises/file/index.php#EDITOR)  
[Click me to see the sample solution](https://www.w3resource.com/python-exercises/file/python-io-exercise-8.php)

**9.** Write a Python program to count the number of lines in a text file. [Go to the editor](https://www.w3resource.com/python-exercises/file/index.php#EDITOR)  
[Click me to see the sample solution](https://www.w3resource.com/python-exercises/file/python-io-exercise-9.php)

**10.** Write a Python program to count the frequency of words in a file. [Go to the editor](https://www.w3resource.com/python-exercises/file/index.php#EDITOR)  
[Click me to see the sample solution](https://www.w3resource.com/python-exercises/file/python-io-exercise-10.php)

**11.** Write a Python program to get the file size of a plain file. [Go to the editor](https://www.w3resource.com/python-exercises/file/index.php#EDITOR)  
[Click me to see the sample solution](https://www.w3resource.com/python-exercises/file/python-io-exercise-11.php)

**12.** Write a Python program to write a list to a file. [Go to the editor](https://www.w3resource.com/python-exercises/file/index.php#EDITOR)  
[Click me to see the sample solution](https://www.w3resource.com/python-exercises/file/python-io-exercise-12.php)

**13.** Write a Python program to copy the contents of a file to another file . [Go to the editor](https://www.w3resource.com/python-exercises/file/index.php#EDITOR)  
[Click me to see the sample solution](https://www.w3resource.com/python-exercises/file/python-io-exercise-13.php)

**14.** Write a Python program to combine each line from first file with the corresponding line in second file. [Go to the editor](https://www.w3resource.com/python-exercises/file/index.php#EDITOR)  
[Click me to see the sample solution](https://www.w3resource.com/python-exercises/file/python-io-exercise-14.php)

**15.** Write a Python program to read a random line from a file. [Go to the editor](https://www.w3resource.com/python-exercises/file/index.php#EDITOR)  
[Click me to see the sample solution](https://www.w3resource.com/python-exercises/file/python-io-exercise-15.php)

**16.** Write a Python program to assess if a file is closed or not. [Go to the editor](https://www.w3resource.com/python-exercises/file/index.php#EDITOR)  
[Click me to see the sample solution](https://www.w3resource.com/python-exercises/file/python-io-exercise-16.php)

**17.** Write a Python program to remove newline characters from a file. [Go to the editor](https://www.w3resource.com/python-exercises/file/index.php#EDITOR)  
[Click me to see the sample solution](https://www.w3resource.com/python-exercises/file/python-io-exercise-17.php)

**18.** Write a Python program that takes a text file as input and returns the number of words of a given text file. [Go to the editor](https://www.w3resource.com/python-exercises/file/index.php#EDITOR)  
Note: Some words can be separated by a comma with no space.  
[Click me to see the sample solution](https://www.w3resource.com/python-exercises/file/python-io-exercise-18.php)

**19.** Write a Python program to extract characters from various text files and puts them into a list. [Go to the editor](https://www.w3resource.com/python-exercises/file/index.php#EDITOR)  
[Click me to see the sample solution](https://www.w3resource.com/python-exercises/file/python-io-exercise-19.php)

**20.** Write a Python program to generate 26 text files named A.txt, B.txt, and so on up to Z.txt. [Go to the editor](https://www.w3resource.com/python-exercises/file/index.php#EDITOR)  
[Click me to see the sample solution](https://www.w3resource.com/python-exercises/file/python-io-exercise-20.php)

**21.** Write a Python program to create a file where all letters of English alphabet are listed by specified number of letters on each line. [Go to the editor](https://www.w3resource.com/python-exercises/file/index.php#EDITOR)  
[Click me to see the sample solution](https://www.w3resource.com/python-exercises/file/python-io-exercise-21.php)