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Python File Handling: Create, Open, Append, Read, Write

In Python, there is no need for importing external library to read and write files. Python provides an inbuilt function for creating, writing and reading files.

In this tutorial, we will learn

- How to Create a Text File
- How to Append Data to a File
- How to Read a File
- How to Read a File line by line
- File Modes in Python

How to Create a Text File

With Python you can create a .text files (guru99.txt) by using the code, we have demonstrated here how you can do this

Step 1)

```
f= open("guru99.txt","w+")
```

- We declared the variable f to open a file named textfile.txt. Open takes 2 arguments, the file that we want to open and a string that represents the kinds of permission or operation we want to do on the file
- Here we used "w" letter in our argument, which indicates write and the plus sign that means it will create a file if it does not exist in library
- The available option beside "w" are "r" for read and "a" for append and plus sign means if it is not there then create it

Step 2)

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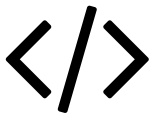

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