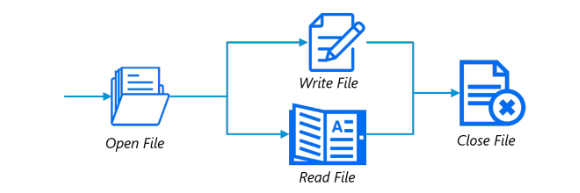
10. File Handling

Table of Contents

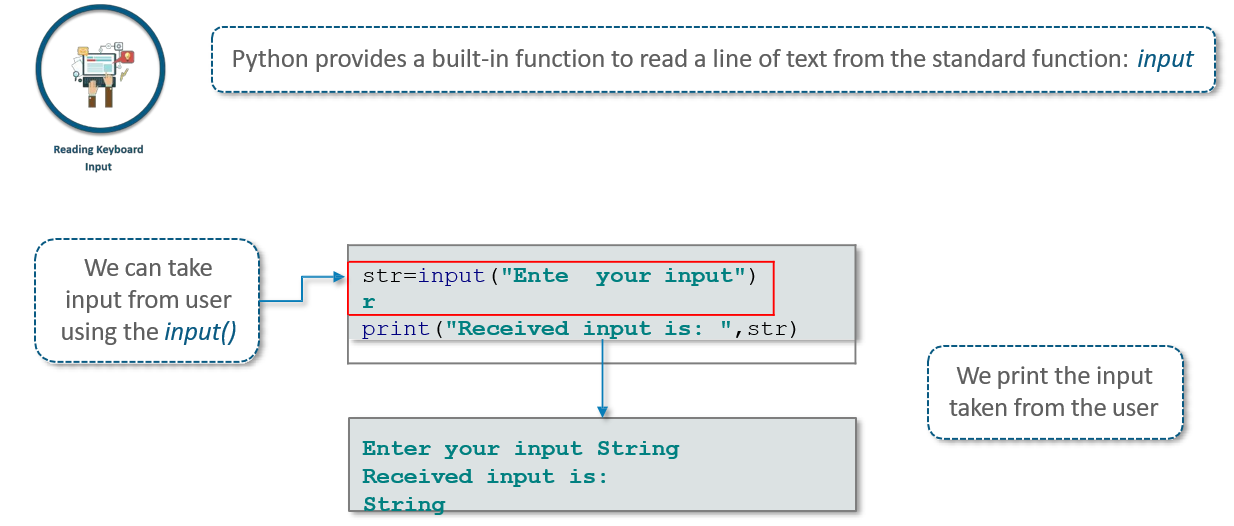
|  |  |  |
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## 10.1 Understand File Operations

**What are the operations of a File?**



**How will you reading keyboard input?**



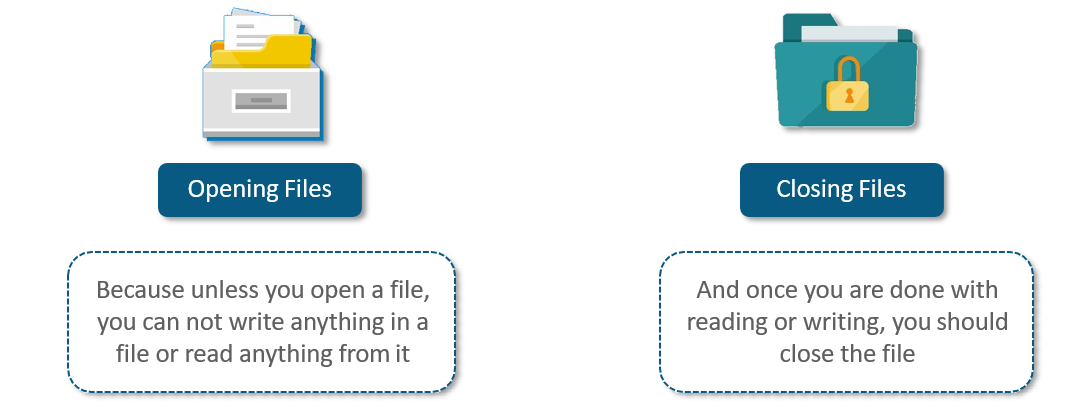
**File Manipulation**

**Python Files Input/output**



**Opening and Closing Files**

Before reading and writing any data into a file, it is important to learn how to open and close a file.



**Open Function**

You can open Files using Python's built-in *open()* function

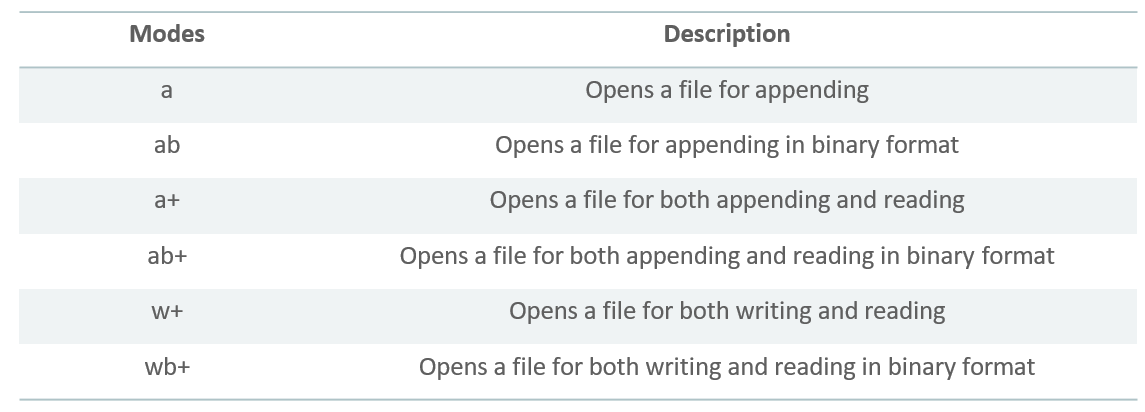
file\_Object=open(file\_name,[access\_mode])

Here are parameter details:

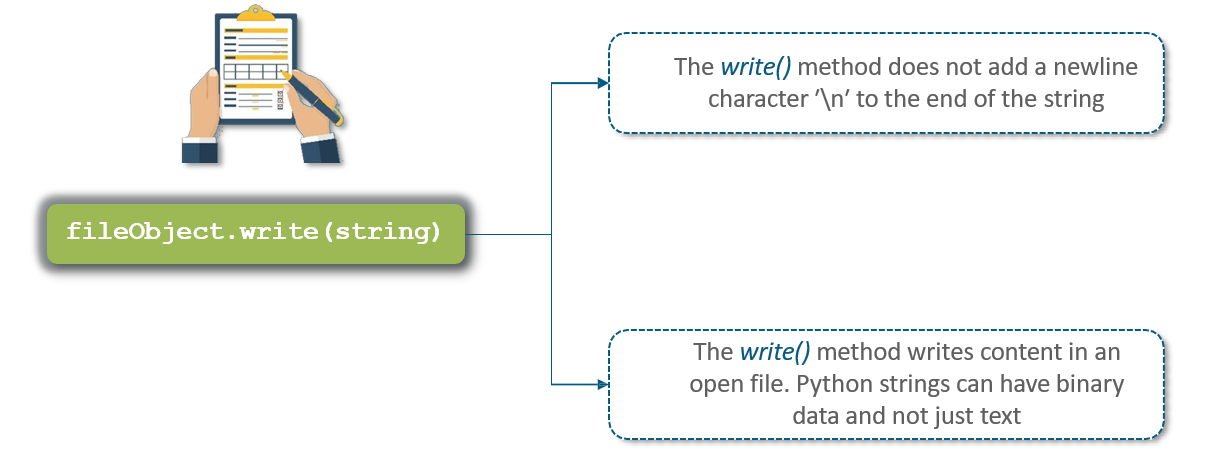
**file\_name:** The file\_name argument is a string value that contains the name of the file that you want to access

**access\_mode:** The access\_mode determines the mode in which the file has to be opened, i.e., read, write, and append

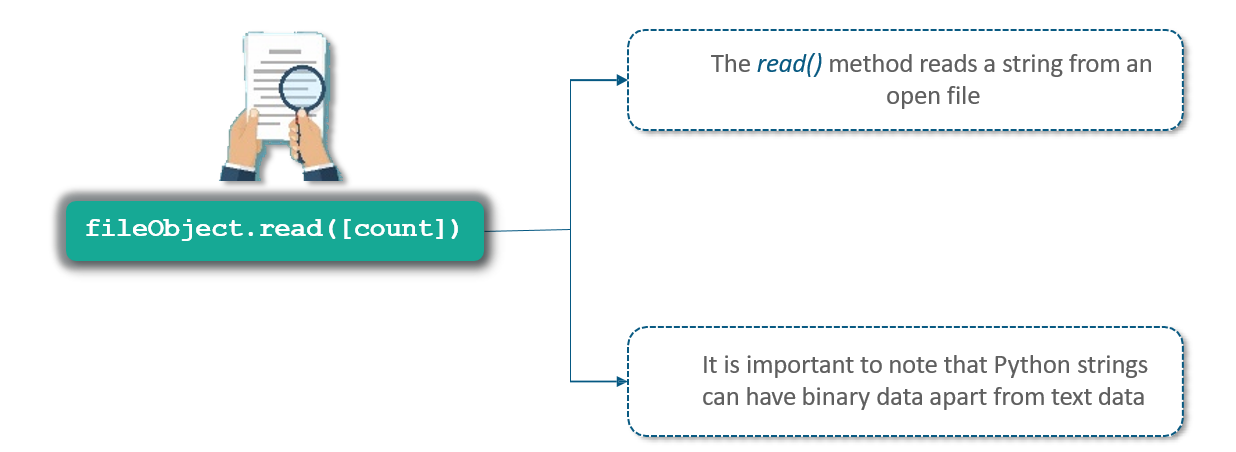
**Open Function – Access Modes**



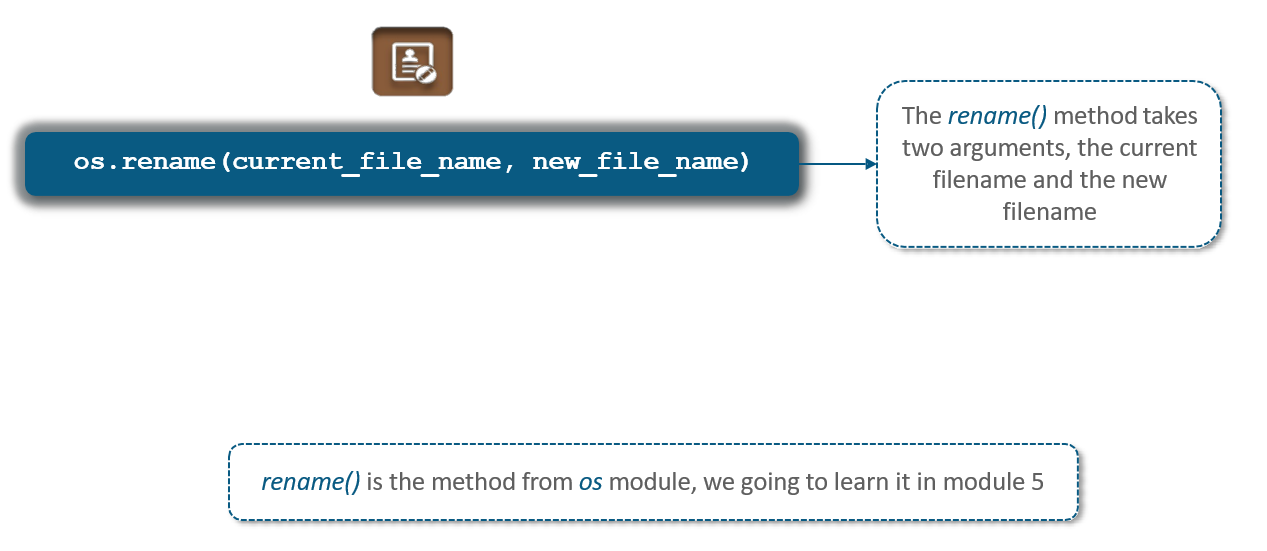
**Writing Files**



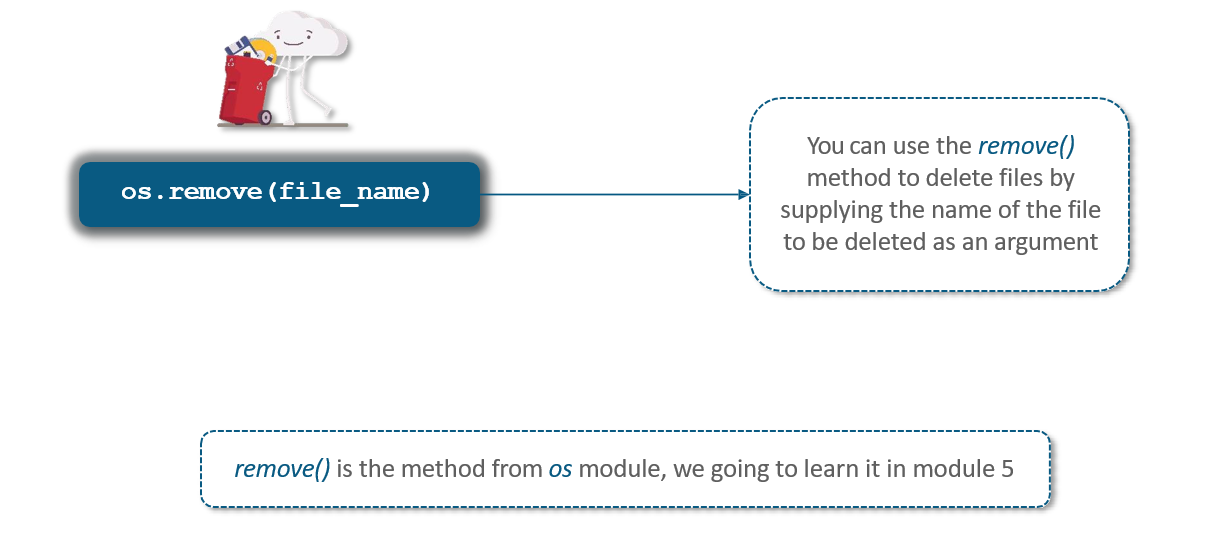
**Reading Files**



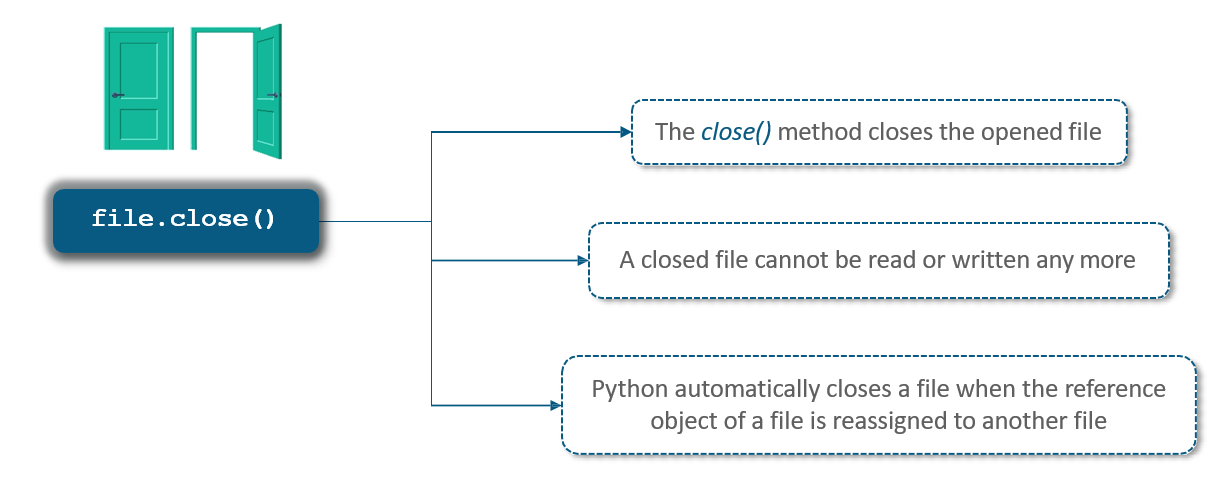
**Renaming Files**



**Deleting Files**

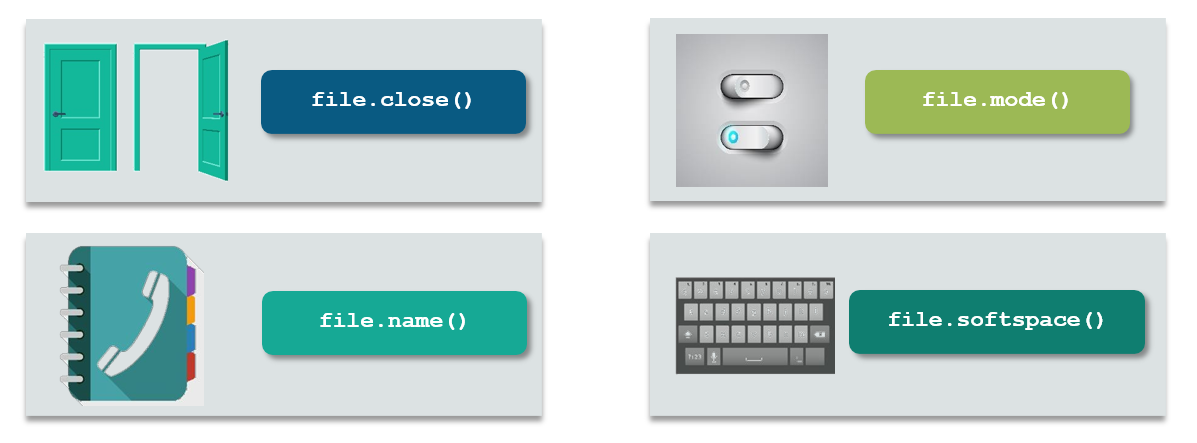
****

**Close Method**

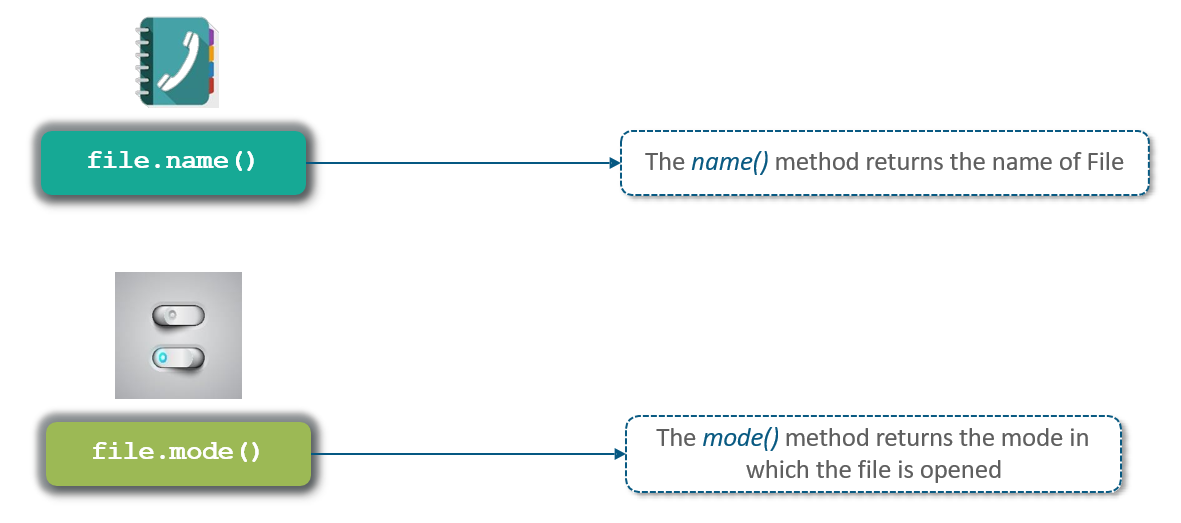
****

**File Object Attributes**

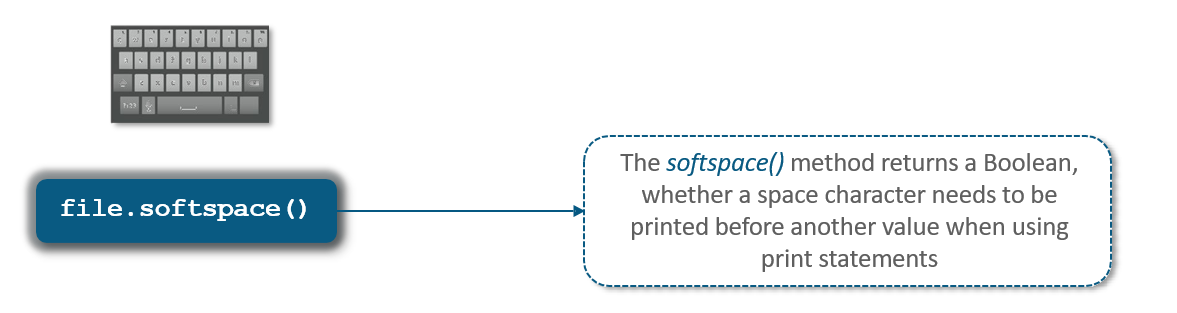
* Once a file is opened and you have one file object, various information related to that file can be obtained
* Here is a list of all attributes related to file object:-



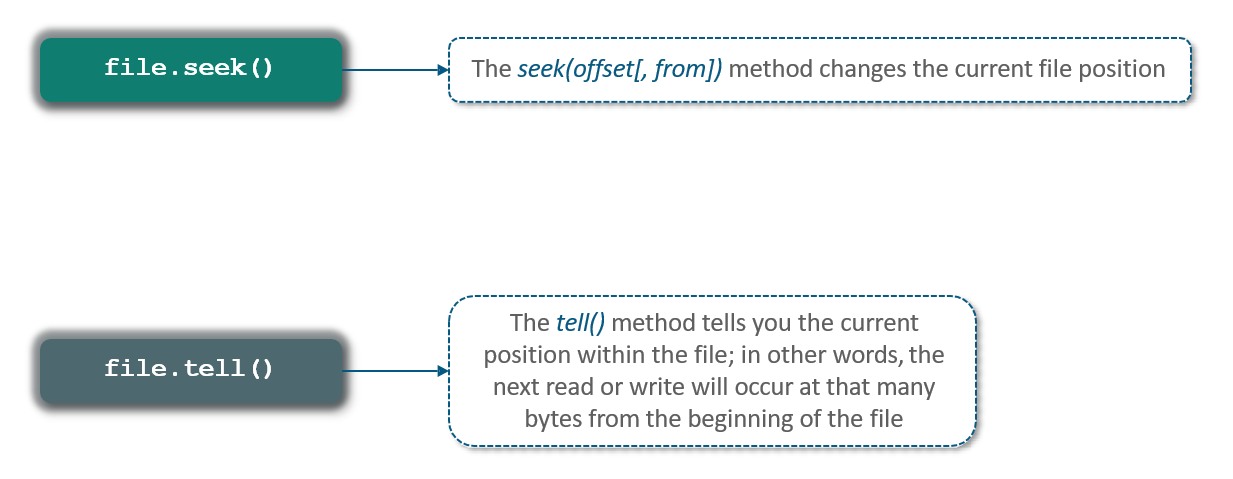
**File.name() and File.mode()**

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**File.softspace()**



**File.seek() and File.tell()**

****

**What are the different Operations can be performed on a File?**

