

PYTHON-FILES

BY

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The open Function

► `file object = open(file_name [, access_mode][, buffering])`

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modes

MODE	
r	
r+	
w	
w+	
a	
a+	
rb	
wb	
ab	
rb+	
wb+	
ab+	

The file Object Attributes

S.No.	Attribute & Description
1	file.closed Returns true if file is closed, false otherwise.
2	file.mode Returns access mode with which file was opened.
3	file.name Returns name of the file.

code

```
f = open("MyFile", "w")  
print ("Name of the file: ", f.name)  
print ("Closed or not : ", f.closed)  
print ("Opening mode : ", f.mode)  
f.close()
```

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The close()

► `fileObject.close()`

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Reading and Writing Files

- ▶ The **write()** method writes any string to an open file.

```
fileObject.write(string);
```

```
f = open("MyFile.txt", "w")
```

```
f.write( "file operation writing process")
```

```
f.close()
```

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Reading and Writing Files

- ▶ The **read()** method reads a string from an open file.

- ▶ `fileObject.read([count]);`

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File Positions

<code>tell()</code>	
<code>seek(offset[, from])</code>	

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Renaming and Deleting Files

- ▶ Python `os` module provides methods that help you perform file-processing operations, such as renaming and deleting files. To use this module, you need to import it.

<code>rename()</code>	<code>os.rename(current_file_name, new_file_name)</code>
<code>remove()</code>	<code>os.remove(file_name)</code>

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Code

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Dealing With Directories

Command	Use
os.mkdir("newdir")	
os.chdir("newdir")	
os.getcwd()	
os.rmdir("dirname")	

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