

# Reading Files using Python

## `open("filename . with extension")`

This method used to open the file. Once this is function open the file via script it will lock the file so file cannot edit by other program/script. Returns a file object.(contains all content of file and metadata of file)

## `fileObj.readline()`

This method used to read the file line and then cursor will go to nextline. After that if this method call again using same file object the line 2 will be returned and again cursor goes to 3rd line and so...

## `fileObj.read()`

This method used to read the file all the lines from current cursor to last line. So if you used `readline()` then cursor will be on second line. And then if you try using `read()` method than it will return all lines from 2nd line to last line.

## `fileObj.close()`

This method used to close file object and unlock file lock for file to used by other program.

## `with open("filename . with extension") as fileObj:`

...(Block of code)

...

We might tend to forget closing the file using close method. Hence we can use above by which it auto close after block of code is execute

## `fileObj.readlines()`

Return array of lines in the file.