writing files

Description	Syntax and Code Example

Different modes to open files for specific operations.	Syntax: r (reading) w (writing) a (appending) + (updating: read/write) b (binary, otherwise text)
	
	``python
	Examples: with open("data.txt", "r") as file: content = file.read() print(content) with open("output.txt", "w") as file: file.write("Hello, world!") with open("log.txt", "a") as file: file.write("Log entry: Something happened.") with open("data.txt", "r+") as file: content = file.read() file.write("Updated content: " + content)</td>
	``

Different methods to read file content in various ways.	Syntax:
	
	``python
	file.readlines() # reads all lines as a list
	readline() # reads the next line as a string
	file.read() # reads the entire file content as a string
	``
	
	Example:
	
	``python
	with open("data.txt", "r") as file:
	    lines = file.readlines()
	    next_line = file.readline()
	``