open()

open()	("filename","mode",enconding="UTF-8")
modes	
"r" - Read (default)	opens a file for reading, error if doesn´t exist
"a" - Append	opens a file for appending, creates the file if doesn´t exist
"w' - Write	opens a file for writing, creates the file if doesn´t exist
"x" - Create	creates the specified file, error if the file exists
"t" - Text (default)	Text mode
"b" - Binary	Binary mode
"+" - Read and Write mode	opens a file to read or write
Examples	"r+" "a+b" "w+b"

read()

read()	open() must have a read() method before.
file.read()	
file.read(5)	reads the first 5 characters
readline()	
file.readline()	returns one line of the file
file.readline(5)	reads the fist 5 characters of the line
file.readline() / file.read-line()	calling readline two times, reads the two first lines
readlines()	returns a list, each item is a line as a string
for line in file	loops through the chars or lines of the file
	use .strip() to remove "\n"

write()

write()	open method "a" will append to end of file
	open method "w" will overwrite the entire file
file.write("text")	
create a new file	open method "x" will create a file, error if it exists
	open method "a" will create a file if doesn´t exist
	open method "w" will create a file if doesn´t exist
writelines()	turns iterable object(lists,tuples,dict...) into lines in the file

pointers

seek(offset,whence=0))	changes the file position
file.seek(4)	change the pointer to the 4 file position
[whence=] is optional, 0 is default	0=start of file, 1=current position, 2= file´s end
tell()	finds the file position
file.tell()	returns the file position

close()

close()	always close the file when done
file.close()	

Modules

import os	OS module
os.rename("oldname.txt", "new_name.txt")	
os.remove("file.txt")	
os.path.exists("file.txt") or os.path.isfile()	returns True or False
os.path.getsize("file.txt")	return
os.path.getmtime("file.txt")	returns a timestamp
os.path.abspath("file.txt")	returns Absolute Path
os.getcwd	show current working directory

By **corisco**
cheatography.com/corisco/

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Modules (cont)	
os.mkdir("new_dir")	create new directory in the current dir
os.chdr("dir")	change working directory
os.rmdir("dir")	removes empty directory / error if there is files in it
os.listdir	return a list of files e subdirectories in the dir
os.path.isdir	
os.path.join	
import datetime	Datetime Module
datetime.date	
os.path module docs	https://docs.python.org/3/library/os.path.html
os module docs	https://docs.python.org/3/library/os.html
datetime module docs	https://docs.python.org/3/library/datetime.html