**Important functions for file handling in Python**

1. **open()** – Opens a file Example: file = open("example.txt", "r") Modes include: 'r' (read), 'w' (write), 'a' (append), 'b' (binary), 'r+' (read/write)
2. **read(), readline(), readlines()**
   * read(): Reads the entire file
   * readline(): Reads one line at a time
   * readlines(): Reads all lines and returns them as a list Example:

content = file.read()

line = file.readline()

lines = file.readlines()

1. **write(),** writelines()
   * write(): Writes a string to the file
   * writelines(): Writes a list of strings Example:

file.write("Hello\n")

file.writelines(["Line 1\n", "Line 2\n"])

1. **close()** – Closes the file Example: file.close()
2. **with statement** – Automatically manages opening and closing Example:

with open("example.txt", "r") as f:

data = f.read()

1. **seek(), tell()**
   * seek(): Moves the file pointer to a given position
   * tell(): Returns the current file pointer position Example:

file.seek(0)

position = file.tell()

1. **os and os.path functions**
   * os.remove(path): Deletes a file
   * os.rename(src, dst): Renames a file
   * os.path.exists(path): Checks if a file exists
   * os.path.getsize(path): Gets the size of a file
2. **shutil module (for file operations)**
   * shutil.copy(src, dst): Copies a file
   * shutil.move(src, dst): Moves a file