

7. Reading File Line by Line (Efficient)

Method 1

python

 Copy code

```
with open("data.txt") as f:  
    for line in f:  
        print(line)
```

Method 2

python

 Copy code

```
while True:  
    line = f.readline()  
    if not line:  
        break
```

8. File Pointer / tell() and seek()

tell() — current position

python

 Copy code

```
pos = f.tell()
```

seek() — move pointer

python

 Copy code

```
f.seek(0) # move to beginning
```

Useful in large files and logs.

9. Working With Binary Files

Read binary

python

 Copy code