



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

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

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

✓ tell() — current position

python

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

✓ seek() — move pointer

python

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

Useful in large files and logs.

9. Working With Binary Files

Read binary

python

 Copy code