

# 11 Files

Friday, April 26, 2024 2:04 PM

Using the file variable:

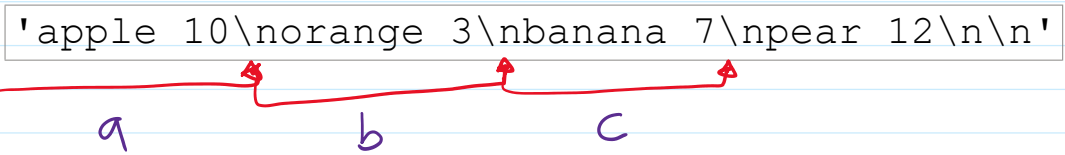
```
file_var = open('filename', 'r')  
file_var.close()
```

## • Reading using the file variable

`file_var.read()` returns the content of the file as a single string.

`file_var.readlines()` returns content as a list of strings.

`file_var.readline()` returns a single line in a string.



Reading line by line is so common, that files are iterable:

```
for line in file_var:  
    ≡
```

Variant of open/close:

```
with open('filename') as file_var:
```

Diagram showing a vertical stack of five horizontal lines representing code blocks.

- `file_var` is only known in this block
- `close` is automatic.

• writing using a file variable.

```
file_var = open('filename', 'w')
```

WARNING: opening a file for writing overwrites the file.

```
file_var.write(s)
```

Reminder: `file_var.close()`

- force writing to file but keep file open:

```
file_var.flush()
```

