

A Thin Veneer over the Interpreter

[1]: `a = 10`
[2]: `a += 1`
[2]: 11

[1]: `a = 10`
[3]: `a += 1`
[3]: 12

step 3: $a = 20$

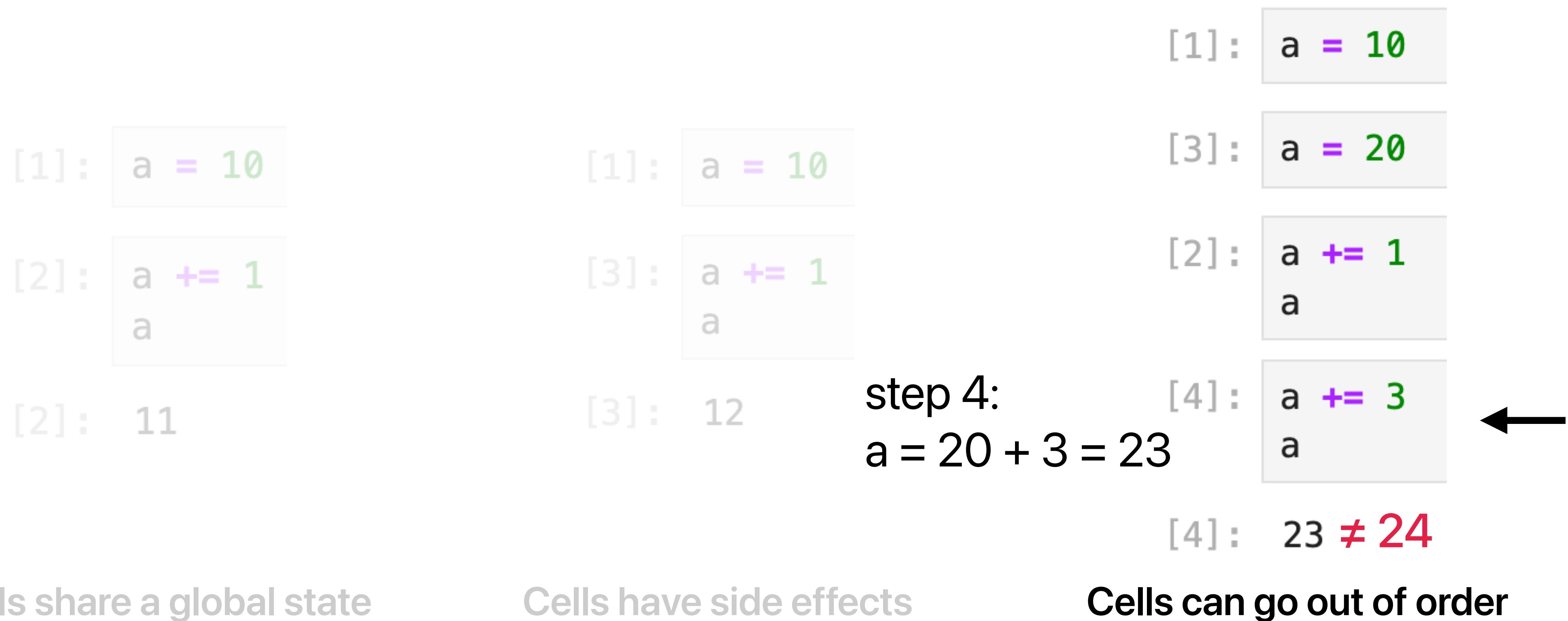
[1]: `a = 10`
[3]: `a = 20`
[2]: `a += 1`
[2]: `a`
[4]: `a += 3`
[4]: `a`

All cells share a global state

Cells have side effects

expectation: $a = 24$
Cells can go out of order

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All cells share a global state

Cells have side effects

Cells can go out of order