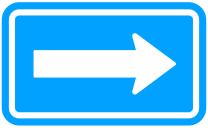
# Loop optimisation

### Applies to a loop, possibly, even getting rid of one at all

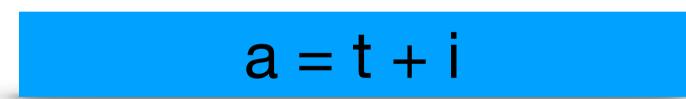
#### while i < 100

#### $a = \sin(x) / \cos(x) + i$





#### while i < 100

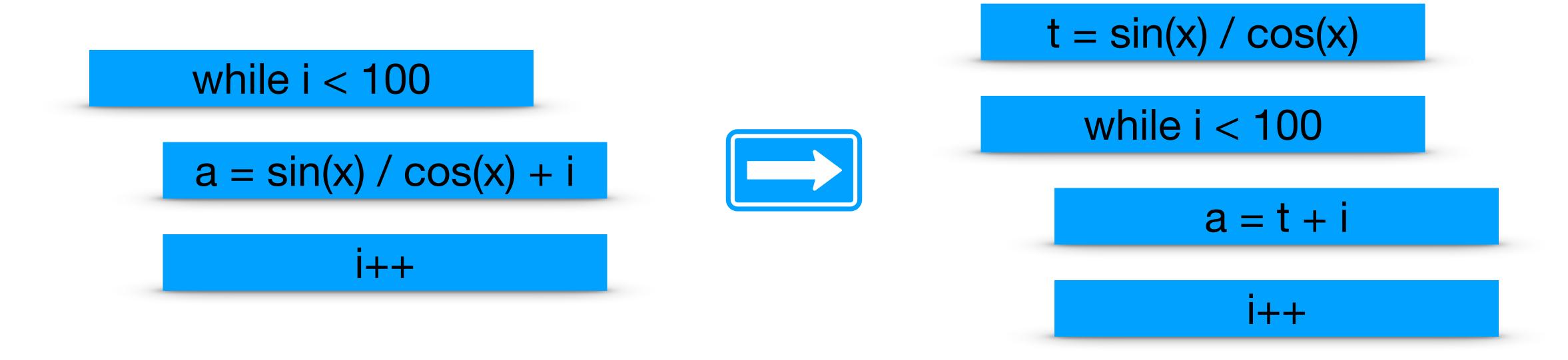




### $t = \sin(x) / \cos(x)$

# Loop optimisation

Applies to a loop, possibly, even getting rid of one at all



# Global optimisation

Applies to the whole function with its own loops, ifs, etc.