

First steps of evaluating what:what(2,100). 4a

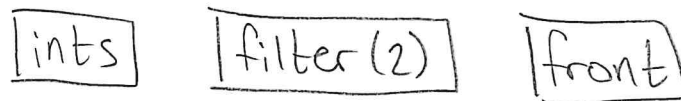
Initial structure:



Pidi! 2



- New front is created.
- Old front becomes filter.
- "2" is printed.

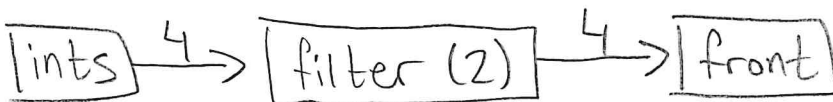


Pidi! 3



- $3 \text{ rem } 2 = 1$, so nothing happens.

Pidi! 4



- $4 \text{ rem } 2 = 0$, so 4 is sent to front.
- New front is created.
- Old front becomes filter.
- "4" is printed.

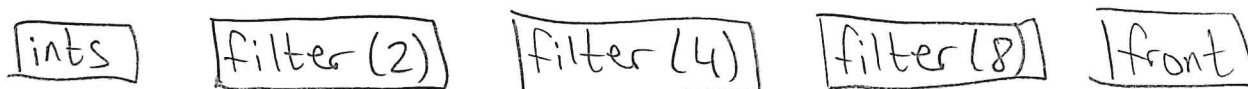


⋮

Pidi! 8



- $8 \text{ rem } 2 = 0$, $8 \text{ rem } 4 = 0$, so 8 comes to front.
- New front is created.
- Old front becomes filter.
- "8" is printed.



This continues, and 2, 4, 8, 16, 32, 64 gets printed.