2

3

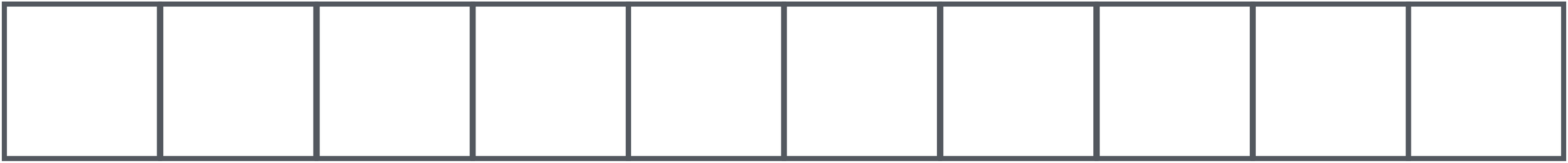
5

6

7

8

9



42

43

44

45

46

47

48

49

50

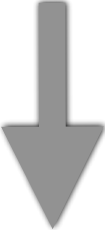
51

tail/
write

head/

read

tail == head -> **EMPTY**

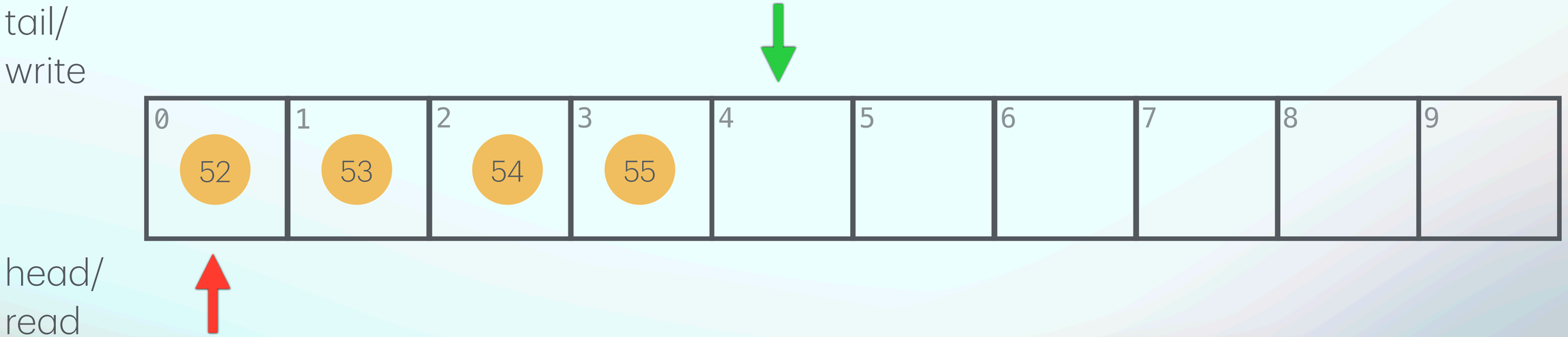


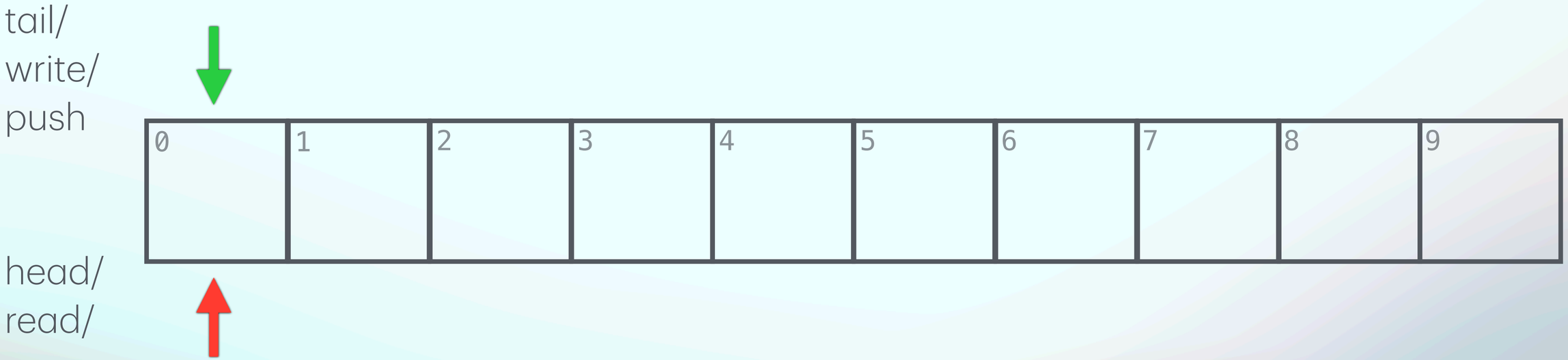
52

53

54

55


tail/
write
0
52
1
53
2
54
3
55
4
5
6
7
8
9
head/
read


tail/
write/
push
0
1
2
3
4
5
6
7
8
9
head/
read/
pop