









$$get(3) \Rightarrow$$













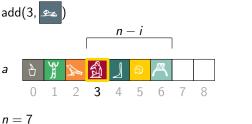
















n=7





n=7





















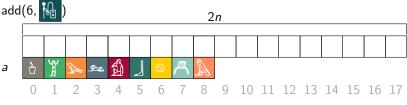




 $n = 9 = length(a) \Rightarrow resize()$ 



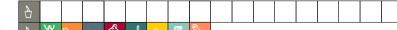




n = 9

# add(6, 🔃

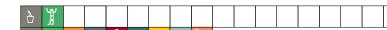
n = 9





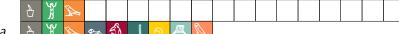
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 1

## add(6, 🔃)





## add(6, 🔃)



0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 1 n = 9

### add(6, 🔃)





#### add(6, 🔃 )

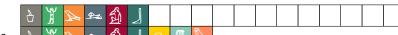




- 2==

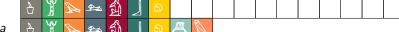
- 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 n = 9

# add(6, 😘 )





# add(6, 😘 )

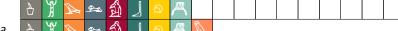






# add(6, 😘 )

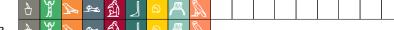
n = 9



0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

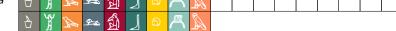
## add(6, 🔃 )

n = 9



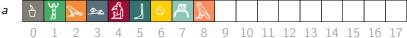


## add(6, 🔠 )





add(6, 🔃 )



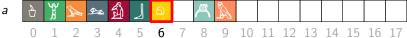
 $add(6, \frac{1}{100})$ 



add(6, 😘 )



add(6, 🔃)



add(6, 🔃 )



add(6, 🔃 )





0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 n = 10









remove(5) n-i-1









0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 n = 10



n = 9

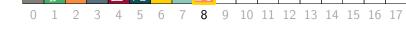


0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17



0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 n = 9







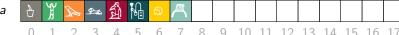




0 1 2 3 4 5 6 7 **8** 9 10 11 12 13 14 15 16 17



remove(7) ... remove(6) ... remove(5)



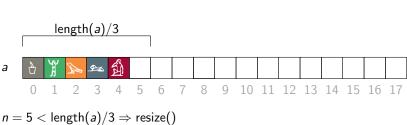
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 n = 8 remove(7) ... remove(6) ... remove(5)

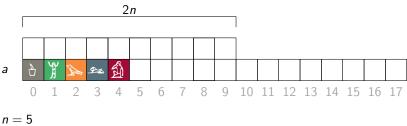


0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17



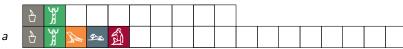
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17



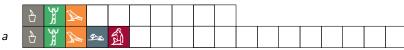




0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17



0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17



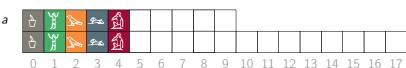
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17



0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17



0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17



0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 n = 5

