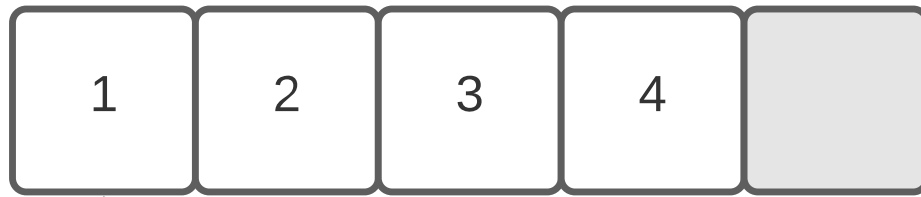


After initialization



↑  
x (len: 4 / cap: 5)

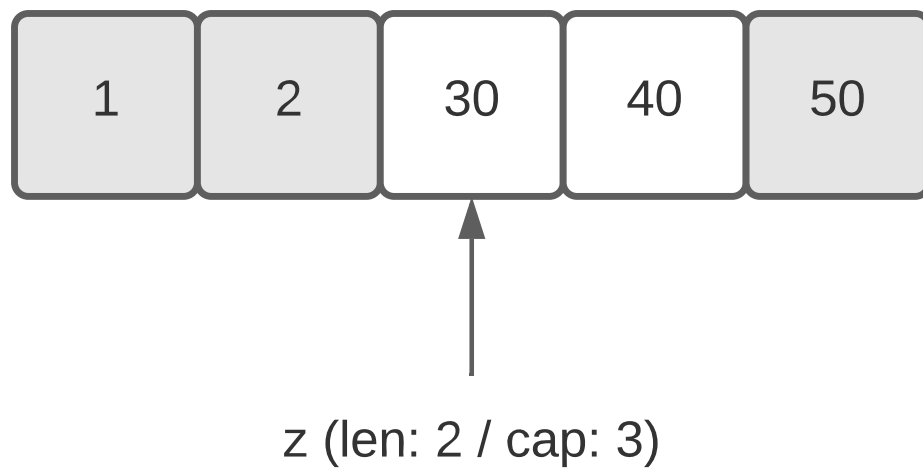
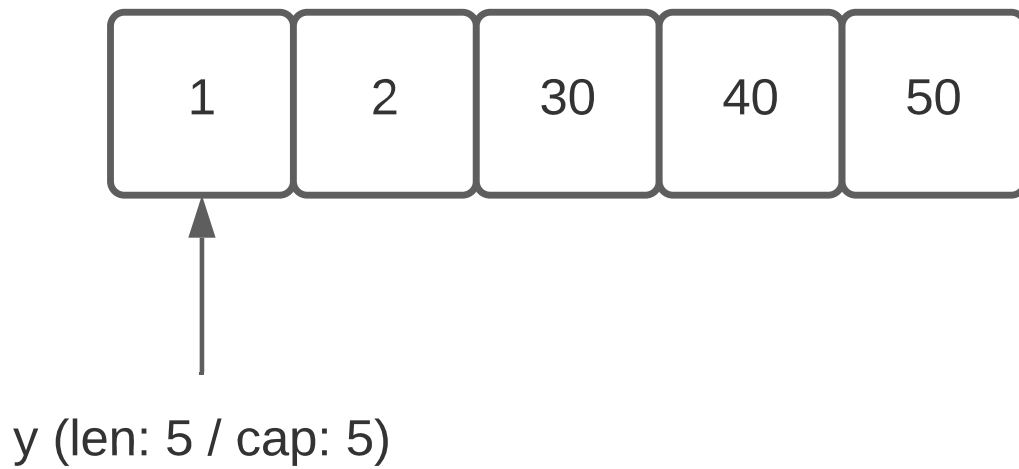
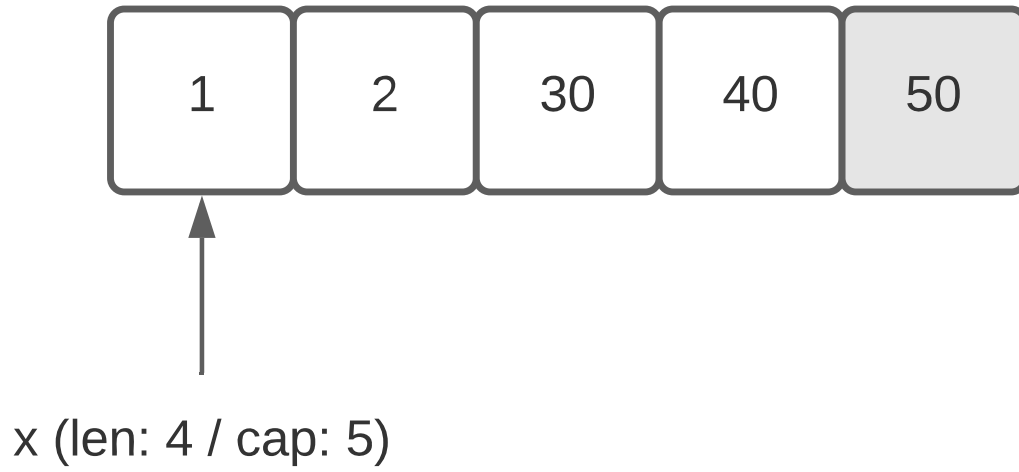


↑  
y (len: 2 / cap: 5)

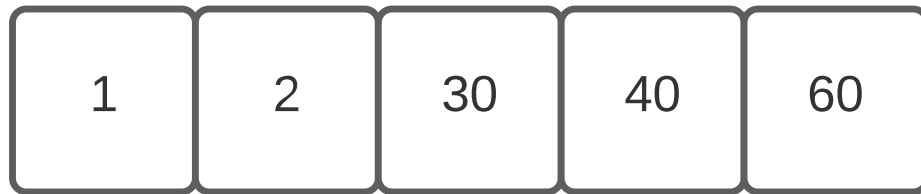


↑  
z (len: 2 / cap: 3)

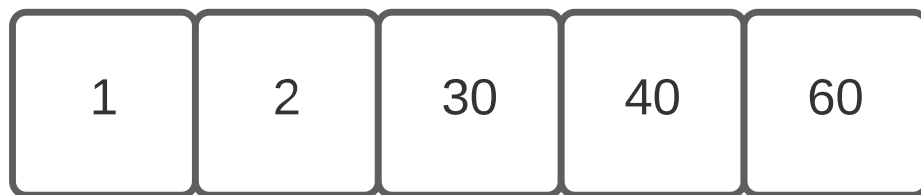
After `y = append(y, 30, 40, 50)`



After `x = append(x, 60)`



`x (len: 5 / cap: 5)`

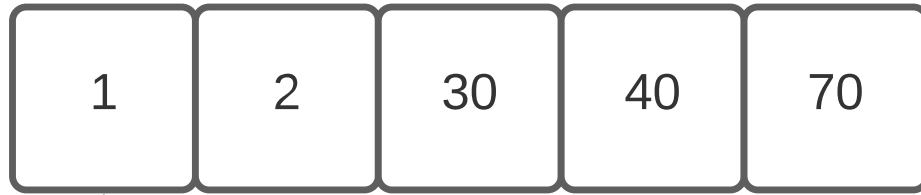


`y (len: 5 / cap: 5)`

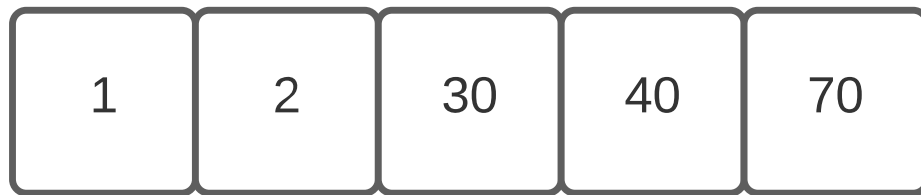


`z (len: 2 / cap: 3)`

After **z = append(z, 70)**



x (len: 5 / cap: 5)

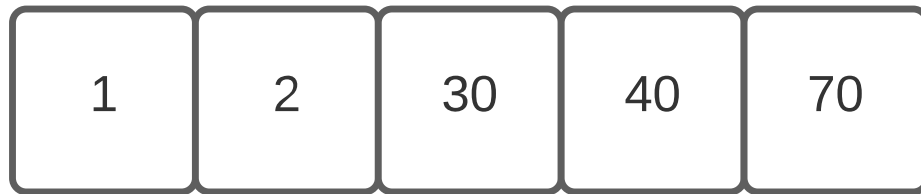


y (len: 5 / cap: 5)

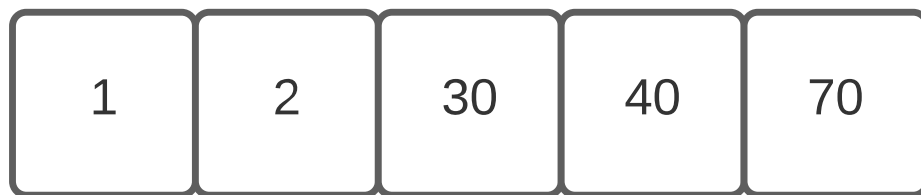


z (len: 3 / cap: 3)

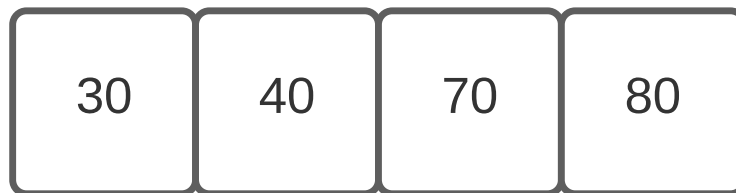
After **z = append(z, 80)**



x (len: 5 / cap: 5)

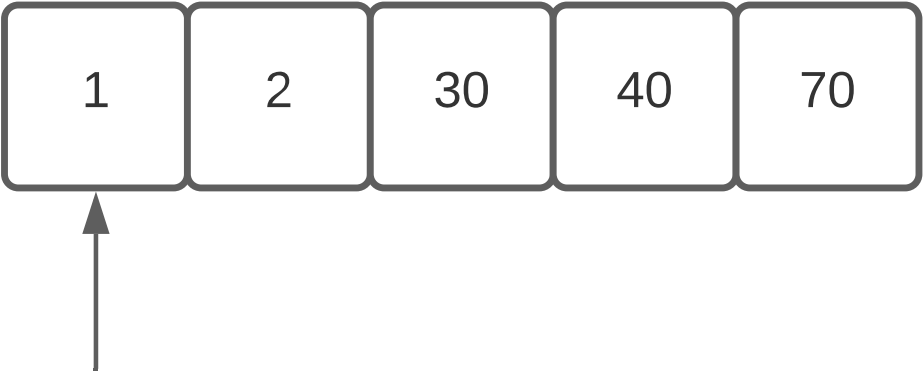


y (len: 5 / cap: 5)

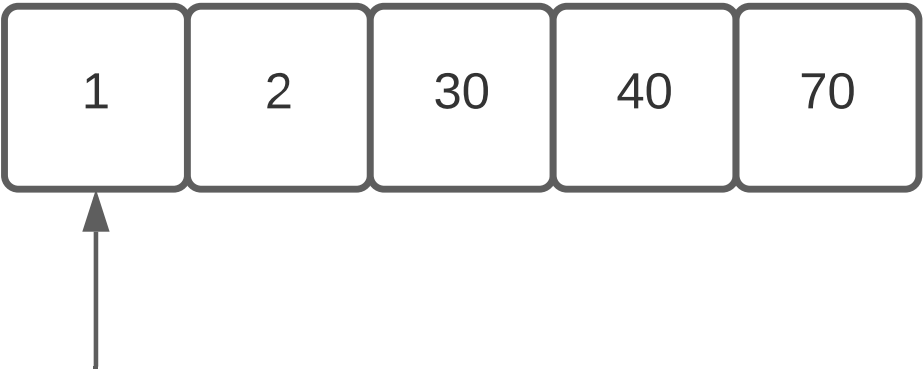


z (len: 4 / cap: 6)

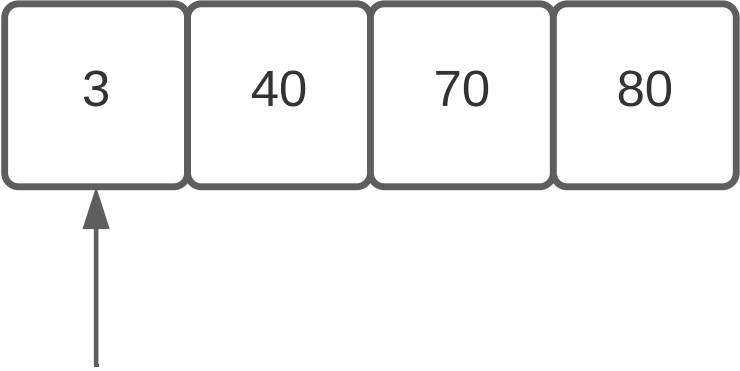
After `z[0] = 3`



`x (len: 5 / cap: 5)`



`y (len: 5 / cap: 5)`



`z (len: 4 / cap: 6)`