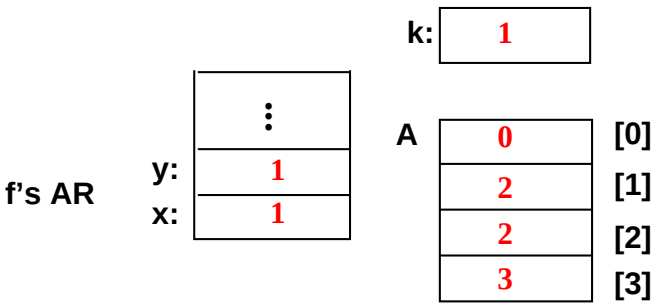
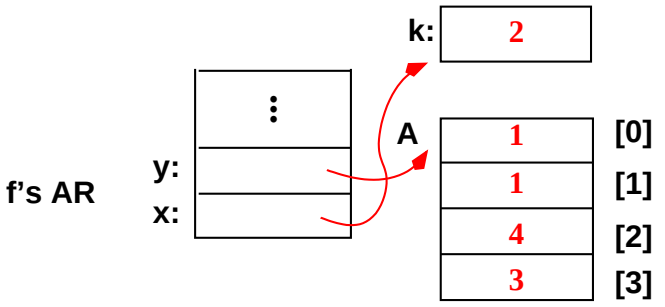
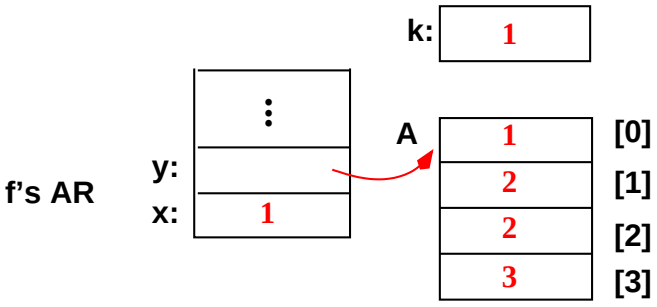


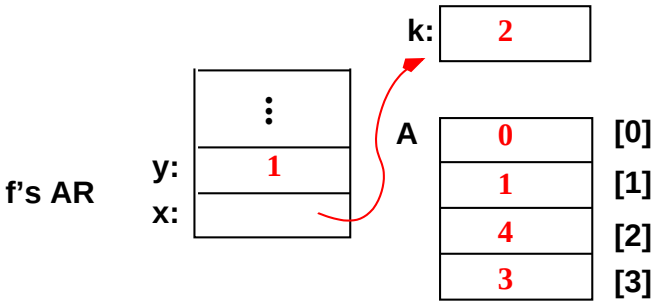
x and y passed by value



x and y passed by reference



x passed by value, y by reference



x passed by reference, y by value

printed in f

x: 1
y: 1
k: 1
A[k]: 2

printed in main

k: 1
A[0]: 1
A[1]: 2
A[2]: 2
A[3]: 3

x and y passed by value−result

printed in f

x: 2
y: 5
k: 2
A[k]: 5

printed in main

k: 2
A[0]: 0
A[1]: 1
A[2]: 5
A[3]: 3

x and y passed by name