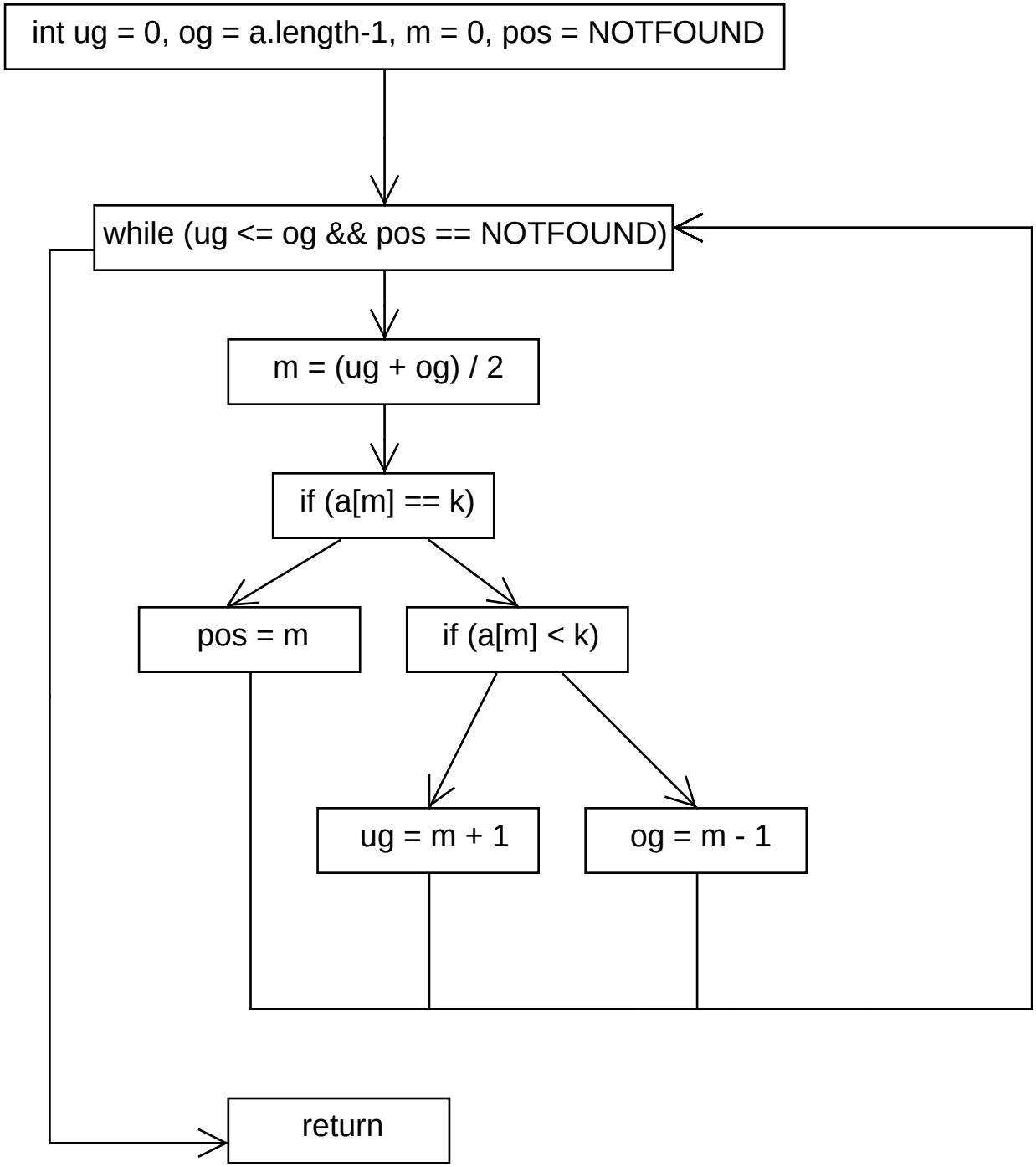
int ug = 0, og = a.length-1, m = 0, pos = NOTFOUND
while (ug <= og && pos == NOTFOUND)
m = (ug + og) / 2
if (a[m] == k)
pos = m
if (a[m] < k)
ug = m + 1
og = m - 1
return