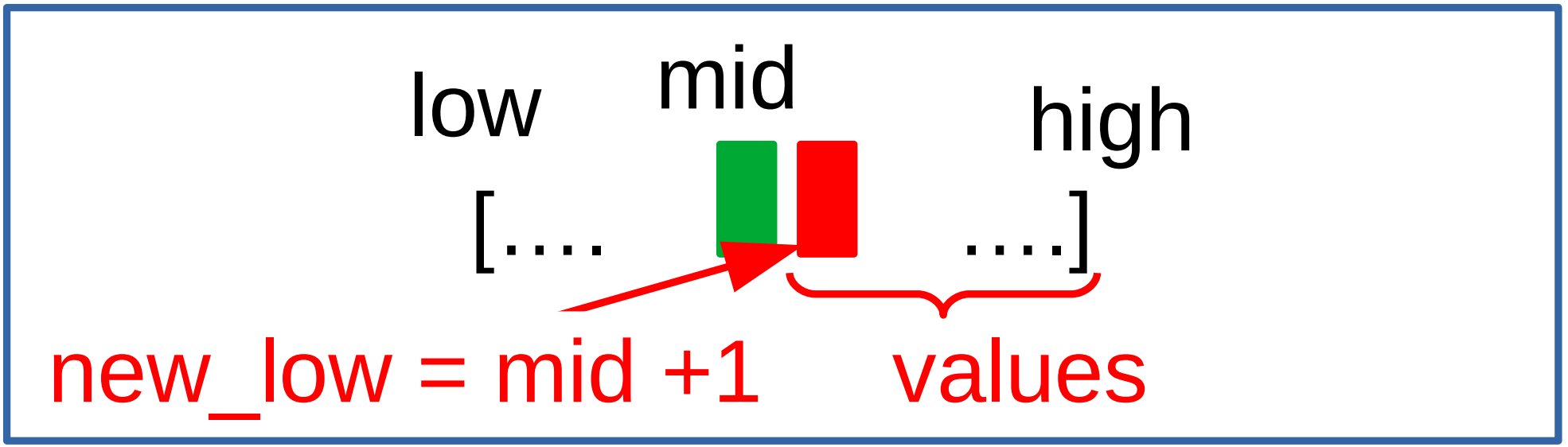
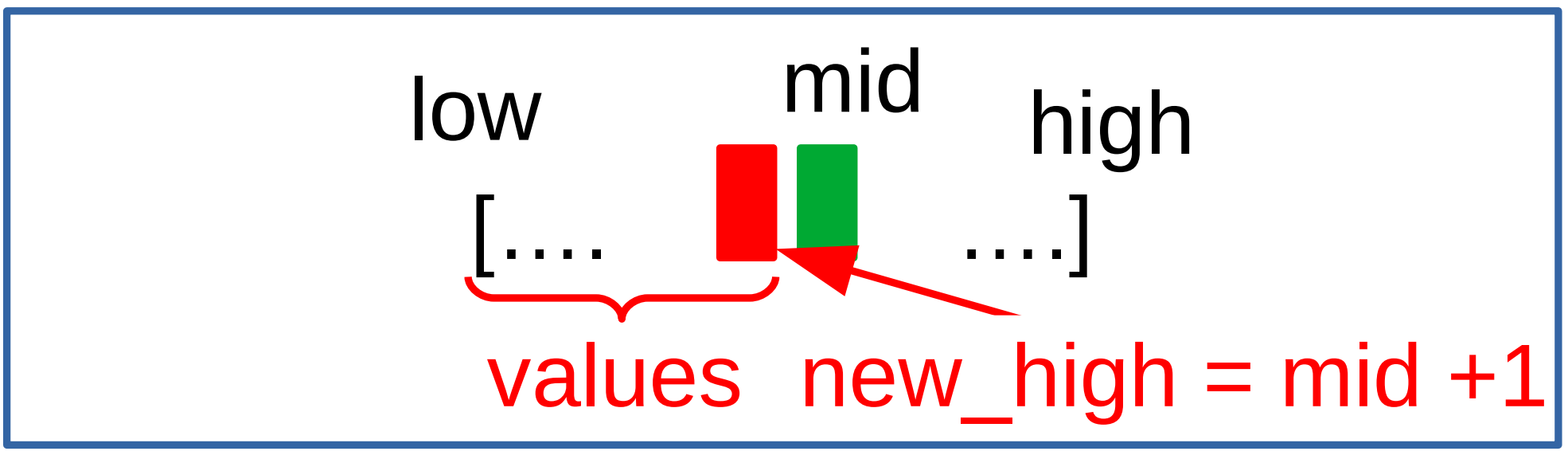

low
mid
high
[....
....]
new_low = mid +1
values


low
mid
high
[....
....]
values
new_high = mid +1