

- 1(a).** Take $i = 0, j = 1$. The first iteration of the outer loop compares $n - j = 5 - 1 = 4$ times. No element $A[j]$ satisfies $A[j] < A[small]$, so there are no swaps. The next iteration of the outer loop, with $i = 1$, sets $j = 2$ and we perform $5 - 2 = 3$ comparisons. Again there is no swap. With the next iterations, we compute another 2, then 1. Together there are $4 + 3 + 2 + 1 = 10$ comparisons with 0 swaps.
- 1(b).** Since there are the same number of elements, then there are again 10 comparisons. The function performs 2 swaps.
- 1(c).** There are 10 comparisons with 2 swaps.