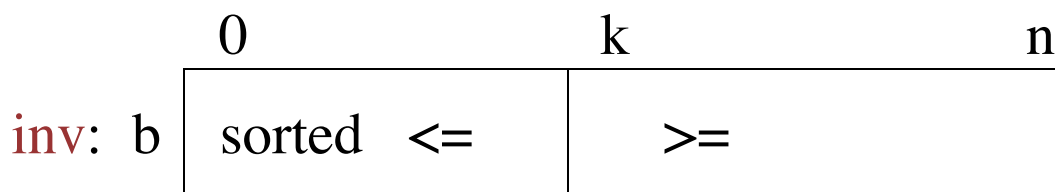


Declare local variables where they logically belong

```
/** Sort array segment b[0..n] */  
public void selectionSort(int[] b, int n) {  
    int j;  
    // inv: b[0..k-1] is sorted & b[0..k-1] <= b[k..n]  
    for (int k= 0; k < n; k= k+1) {  
        // Set j to the index of the minimum of b[k..n]  
        j= k;  
        for (int p= k+1; p<= n; p= p+1) {  
            if (b[p] < b[j]) j= p;  
        }  
        // Swap b[j] and b[k]  
        int temp= b[j]; b[j]= b[k]; b[k]= temp;  
    }  
}
```



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