

The tailor would use insertion sort with the suits by simply adding a suit in the sorted section of the rack in its correct placement.

He would slide the rest down the rack down the rack. Repeating this until it has all been sorted. Compared to how we did it in class is we would (like the tailor) have an unsorted rack with n values.

Instead of putting the right values in the correct placement like the tailor. Our algorithm for sorting is two numbers throughout the array would be compared. If one is less than the other the will be swapped. This will go on throughout the array of numbers until it's all been sorted.

If I was the tailor using selection sort to sort out my rack of suits (let's say smallest to biggest) I would take the smallest suit from the unsorted section of the rack and bring it up to the front of the rack (sorted section). Once that's done pick the smallest again from the unsorted section of the rack (second smallest) and move it up to the front behind the first one. Repeating this until it's all been sorted.

The same algorithm would be used to sort in array in place by taking the smallest value in the array and putting it to the front of the array of n values. Then it would do the same again, but this time the second number will be the second smallest in the array.

Bringing it up to the front it will be the second smallest number in the array. Repeat this until the array of n values has been sorted.