for(i=0; i<size; i++){</pre> if (array[i]>array[j]){ temp= array[i]; array[i]= array[j]; array[j]=temp; }

will run 5 times for(j=i+1; j<size; j++){ < sets up a Subarray loop - the first element will become lowest. The i+1 for j truncates the space left to sort

> we don't went to compare an olement in array to itself. In the first loop, we are comparing array [0] to [1] we then compare array [O] to the rest of the elements in the array. If something bigger than array [0], we source out the value that was in array [C] and replace it with the bigger value from array [j]. Our old big value moves to array [j]. Then we continue the loop to see if anything else was bigger.

When we finish the inner loop, i becomes 1 array [0] is the maximum / biggest value, we don't need to check it again. J= i+1, which at 2) the explenation here will repeat will start for array [1] comparing to array [2] through array [4]