To let the program can sort any sequence of 9 cars, I rewrite the mechanism of putinHold() method. For some situation we need two stacks one is primary stack to store data, the other is an assistant stack to help sorting, for some situation we need only one. When inputting a number, firstly, I will check whether it can be output directly. If it is not, then I am going to put it into one holding stack. When putting it into the stack, I will compare it with the top of the stack. If the number is smaller than the top of the stack, then I will simply push the number into that stack. Otherwise, I will pop the numbers, which are smaller than the number from the stack and store them temporary in another stack. Then push the number into the stack, and pop these smaller numbers from the temporary stack into the first stack. As a result, the first stack is sorted from small to big from top to end. Namely, we can sort any permutation of numbers with no more than 2 stacks.