Homework 12 P138-2

According to the exe:

For n=3, there are 6 permutations of the cars that can be obtained. They are 123 , 132 , 213 , 231 , 312 , 321.

For n=4, there are 24 permutations of the cars that can be obtained. They are 4321 , 4312 , 4231 , 4213 , 4123 , 4132 , 3124 , 3142 , 3214 , 3241 , 3421 , 3412 , 2134 , 2143 , 2314 , 2341 , 2431 , 2413 , 1234 , 1243 , 1324 , 1342 , 1432 , 1423.

There are some impossible permutations.