```
/tmp/GL78iEgfXM.o
Johnson trotter algorithm to find all permutations of given numbers
Enter the number
3
total permutations = 6
All possible permutations are:
 1   2   3
 1   3   2
 3   1   2
 3   2   1
 2   3   1
 2   1   3
```

```
/tmp/FKSQLOp6pG.o
Johnson trotter algorithm to find all permutations of given numbers
Enter the number
4
total permutations = 24
All possible permutations are:
  1   2   3   4
  1   2   4   3
  1   4   2   3
  4   1   2   3
  4   1   3   2
  1   4   3   2
  1   3   4   2
  1   3   2   4
  3   1   2   4
  3   1   4   2
  3   4   1   2
  4   3   1   2
  4   3   2   1
  3   4   2   1
  3   2   4   1
  3   2   1   4
  2   3   1   4
  2   3   4   1
  2   4   3   1
  4   2   3   1
  4   2   1   3
  2   4   1   3
  2   1   4   3
  2   1   3   4
```