Example

- What is the number of orderings of the set S in which s₁ and s₂ are adjacent?
- Solution: two cases:
 - Case 1) s_1 followed by s_2
 - Case 2) s_2 followed by s_1
- Same number of each type. Easy to see that there are (n-1)! of each type, so 2(n-1)! in total