Initially we order $n$ cards, 1 at top through $n$ at bottom. We provide the formulas for the expected value and the variance of the number of fixed points of a permutation obtained after a number of top to random shuffles. We give two different proofs for each result. We also show that $O(c n)$ top to random shuffles are not enough to achieve convergence to a Poisson(1). (Received August 08, 2010)

