Exercise 1.43. If f is a numerical function and n is a positive integer, then we can form the nth repeated application of f, which is defined to be the function whose value at x is f(f(...(f(x))...)). For example, if f is the function $x \mapsto x + 1$, then the nth repeated application of f is the function $x \mapsto x + n$. If f is the operation of squaring a number, then the nth repeated application of f is the function that raises its argument to the f in the power. Write a procedure that takes as inputs a procedure that computes f and a positive integer f and returns the procedure that computes the f in the positive integer f and returns the procedure that computes the f in the positive integer f and returns the procedure that computes the f in the positive integer f and returns the procedure that computes the f in the positive integer f and returns the procedure that computes the f in the positive integer f in the positiv

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