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Assume Want To Shift Left By K , $0 \leq K \leq N-1$ ($N = 2^n$)
 K Expressible As N -bit Number: $-K = K_{n-1}2^{n-1} + K_{n-2}2^{n-2} + \dots + K_12^1 + K_0$, K_i A 0 Or 1
Barrel Shifter: Construct From N Levels Of $N/2$ -in Multiplexors - When Level i Either Shifts Last Level By 2^{i-1} Or Pass Unchanged
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