Step 1: $1 + 10 = 11$

Step 2: $2 + 20 = 22$

Step 3: $3 + 30 = 33$

Step 4: $4 + 40 = 44$

Scalar: 4 steps

$[1, 2, 3, 4]$

$[10, 20, 30, 40]$

Step 1: SIMD Add

$[11, 22, 33, 44]$

SIMD: 1 step