























<u>3.</u> V	ectorizable Loops			
	for (i=0; i<100; i+=4)			
	A[i+0] = A[i+0] + B[i+0]			
	A[i+1] = A[i+1] + B[i+1]			
	A[i+2] = A[i+2] + B[i+2]			
	A[i+3] = A[i+3] + B[i+3]			
for (i=0: i<100: i+=4)				
	A[1:1+3] = B[1:1+3] + C[1:1+3]			
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4. Partially Vectorizable Loops				
	for (i=0; i<16; i+=1) L = A[i+0] - B[i+0 D = D + abs(L)]		
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SIMD in the Presence of Control Flow				
fo	<pre>pr (i=0; i<16; if (a[i] != 0) b[i]++;</pre>	i++)		
<pre>for (i=0; pred = old = new = b[i:i+3</pre>	<pre>: i<16; i+=4) { a[i:i+3] != (0, b[i:i+3]; old + (1, 1, 1, 1, }] = SELECT (old</pre>	, 0, 0, 0); , 1); , new, pred);		
} Both contro	Overhead:	ways executed I		
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