

מבנה מחשבים- תרגיל 1

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Speedups were achieved in most of the tests.

When there was improvement- the forwarding achieved the best results.

Results with minor or no improvement also exist in tests with loops or short functions with no stalls.

Cycles Comparison:

File	#cycles "original"	#cycles Split	#cycles Forwarding	Speedup Split	Speedup Forwarding
Example1	8	8	8	1	1
Example2- loop	27 cycles per loop	25 cycles per loop	21 cycles per loop	1.08	1.28
Example3	52	46	35	1.13	1.48
Example4	16	15	38	1.06	1.14
Ours1	13	11	7	1.18	1.85
Ours2	55	49	43	1.12	1.27
Ours3	34	29	19	1.72	1.78
Ours4	20	18	15	1.11	1.33