

Laboratorium

8

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30 maja 2020

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dominik@mimik: ~/Projects/pmim
File Edit View Search Terminal Help
dominik@mimik:~/Projects/pmim$ gcc -o lab_8a lab_8a.c lab_8a_asm.s
dominik@mimik:~/Projects/pmim$ ./lab_8a
FactC(1) = 1
FactA(1) = 1
FactC(2) = 2
FactA(2) = 2
FactC(3) = 6
FactA(3) = 6
FactC(4) = 24
FactA(4) = 24
FactC(5) = 120
FactA(5) = 120
FactC(6) = 720
FactA(6) = 720
FactC(7) = 5040
FactA(7) = 5040
FactC(8) = 40320
FactA(8) = 40320
FactC(9) = 362880
FactA(9) = 362880
FactC(10) = 3628800
FactA(10) = 3628800
FactC(11) = 39916800
FactA(11) = 39916800
FactC(12) = 479001600
FactA(12) = 479001600
FactC(13) = 6227020800
FactA(13) = 6227020800
FactC(14) = 87178291200
FactA(14) = 87178291200
FactC(15) = 1307674368000
FactA(15) = 1307674368000
FactC(16) = 20922789888000
FactA(16) = 20922789888000
FactC(17) = 355687428096000
FactA(17) = 355687428096000
FactC(18) = 6402373705728000
FactA(18) = 6402373705728000
FactC(19) = 121645100408832000
FactA(19) = 121645100408832000
FactC(20) = 2432902008176640000
FactA(20) = 2432902008176640000
FactC(21) = -4249290049419214848
FactA(21) = -4249290049419214848
FactC(22) = -1250660718674968576
FactA(22) = -1250660718674968576
FactC(23) = 8128291617894825984
FactA(23) = 8128291617894825984
FactC(24) = -7835185981329244160
FactA(24) = -7835185981329244160
FactC(25) = 7034535277573963776
FactA(25) = 7034535277573963776
FactC(26) = -1569523520172457984
FactA(26) = -1569523520172457984
FactC(27) = -5483646897237262336
FactA(27) = -5483646897237262336
FactC(28) = -5968160532966932480
FactA(28) = -5968160532966932480
FactC(29) = -7055958792655077376
FactA(29) = -7055958792655077376
FactC(30) = -8764578968847253504
FactA(30) = -8764578968847253504
dominik@mimik:~/Projects/pmim$ _
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dominik@mimik: ~/Projects/pmim
File Edit View Search Terminal Help
dominik@mimik:~/Projects/pmim$ gcc -o lab_8b lab_8b.c lab_8b_asm.s
dominik@mimik:~/Projects/pmim$ ./lab_8b
FibC( 0 ) = 0
FibA( 0 ) = 0
Nesting level = 1
FibC( 1 ) = 1
FibA( 1 ) = 1
Nesting level = 1
FibC( 2 ) = 1
FibA( 2 ) = 1
Nesting level = 3
FibC( 3 ) = 2
FibA( 3 ) = 2
Nesting level = 5
FibC( 4 ) = 3
FibA( 4 ) = 3
Nesting level = 9
FibC( 5 ) = 5
FibA( 5 ) = 5
Nesting level = 15
FibC( 6 ) = 8
FibA( 6 ) = 8
Nesting level = 25
FibC( 7 ) = 13
FibA( 7 ) = 13
Nesting level = 41
FibC( 8 ) = 21
FibA( 8 ) = 21
Nesting level = 67
FibC( 9 ) = 34
FibA( 9 ) = 34
Nesting level = 109
FibC( 10 ) = 55
FibA( 10 ) = 55
Nesting level = 177
FibC( 11 ) = 89
FibA( 11 ) = 89
Nesting level = 287
FibC( 12 ) = 144
FibA( 12 ) = 144
Nesting level = 465
FibC( 13 ) = 233
FibA( 13 ) = 233
Nesting level = 753
FibC( 14 ) = 377
FibA( 14 ) = 377
Nesting level = 1219
FibC( 15 ) = 610
FibA( 15 ) = 610
Nesting level = 1973
FibC( 16 ) = 987
FibA( 16 ) = 987
Nesting level = 3193
FibC( 17 ) = 1597
FibA( 17 ) = 1597
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dominik@mimik:~/Projects/pmim$ gcc -o lab_8b lab_8b.c lab_8b_asm.s
dominik@mimik:~/Projects/pmim$ ./lab_8b
FibC( 0 ) = 0
FibA( 0 ) = 0
Nesting level = 1
FibC( 1 ) = 1
FibA( 1 ) = 1
Nesting level = 1
FibC( 2 ) = 1
FibA( 2 ) = 1
Nesting level = 3
FibC( 3 ) = 2
FibA( 3 ) = 2
Nesting level = 5
FibC( 4 ) = 3
FibA( 4 ) = 3
Nesting level = 9
FibC( 5 ) = 5
FibA( 5 ) = 5
Nesting level = 15
FibC( 6 ) = 8
FibA( 6 ) = 8
Nesting level = 25
FibC( 7 ) = 13
FibA( 7 ) = 13
Nesting level = 41
FibC( 8 ) = 21
FibA( 8 ) = 21
Nesting level = 67
FibC( 9 ) = 34
FibA( 9 ) = 34
Nesting level = 109
FibC( 10 ) = 55
FibA( 10 ) = 55
Nesting level = 177
FibC( 11 ) = 89
FibA( 11 ) = 89
Nesting level = 287
FibC( 12 ) = 144
FibA( 12 ) = 144
Nesting level = 465
FibC( 13 ) = 233
FibA( 13 ) = 233
Nesting level = 753
FibC( 14 ) = 377
FibA( 14 ) = 377
Nesting level = 1219
FibC( 15 ) = 610
FibA( 15 ) = 610
Nesting level = 1973
FibC( 16 ) = 987
FibA( 16 ) = 987
Nesting level = 3193
FibC( 17 ) = 1597
FibA( 17 ) = 1597
Nesting level = 5167
FibC( 18 ) = 2584
FibA( 18 ) = 2584
Nesting level = 8361
FibC( 19 ) = 4181

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FibA( 19 ) = 4181
Nesting level = 13529
FibC( 20 ) = 6765
FibA( 20 ) = 6765
Nesting level = 21891
FibC( 21 ) = 10946
FibA( 21 ) = 10946
Nesting level = 35421
FibC( 22 ) = 17711
FibA( 22 ) = 17711
Nesting level = 57313
FibC( 23 ) = 28657
FibA( 23 ) = 28657
Nesting level = 92735
FibC( 24 ) = 46368
FibA( 24 ) = 46368
Nesting level = 150049
FibC( 25 ) = 75025
FibA( 25 ) = 75025
Nesting level = 242785
FibC( 26 ) = 121393
FibA( 26 ) = 121393
Nesting level = 392835
FibC( 27 ) = 196418
FibA( 27 ) = 196418
Nesting level = 635621
FibC( 28 ) = 317811
FibA( 28 ) = 317811
Nesting level = 1028457
FibC( 29 ) = 514229
FibA( 29 ) = 514229
Nesting level = 1664079
FibC( 30 ) = 832040
FibA( 30 ) = 832040
Nesting level = 2692537
FibC( 31 ) = 1346269
FibA( 31 ) = 1346269
Nesting level = 4356617
FibC( 32 ) = 2178309
FibA( 32 ) = 2178309
Nesting level = 7049155
FibC( 33 ) = 3524578
FibA( 33 ) = 3524578
Nesting level = 11405773
FibC( 34 ) = 5702887
FibA( 34 ) = 5702887
Nesting level = 18454929
FibC( 35 ) = 9227465
FibA( 35 ) = 9227465
Nesting level = 29860703
FibC( 36 ) = 14930352
FibA( 36 ) = 14930352
Nesting level = 48315633
FibC( 37 ) = 24157817
FibA( 37 ) = 24157817
Nesting level = 78176337
FibC( 38 ) = 39088169
FibA( 38 ) = 39088169
Nesting level = 126491971
FibC( 39 ) = 63245986
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FibA( 39 ) = 63245986
Nesting level = 204668309
FibC( 40 ) = 102334155
FibA( 40 ) = 102334155
Nesting level = 331160281
FibC( 41 ) = 165580141
FibA( 41 ) = 165580141
Nesting level = 535828591
FibC( 42 ) = 267914296
FibA( 42 ) = 267914296
Nesting level = 866988873
FibC( 43 ) = 433494437
FibA( 43 ) = 433494437
Nesting level = 1402817465
FibC( 44 ) = 701408733
FibA( 44 ) = 701408733
Nesting level = 2269806339
FibC( 45 ) = 1134903170
FibA( 45 ) = 1134903170
Nesting level = 3672623805
FibC( 46 ) = 1836311903
FibA( 46 ) = 1836311903
Nesting level = 5942430145
FibC( 47 ) = 2971215073
FibA( 47 ) = 2971215073
Nesting level = 9615053951
FibC( 48 ) = 4807526976
FibA( 48 ) = 4807526976
Nesting level = 15557484097
FibC( 49 ) = 7778742049
FibA( 49 ) = 7778742049
Nesting level = 25172538049
FibC( 50 ) = 12586269025
FibA( 50 ) = 12586269025
Nesting level = 40730022147
dominik@mimik:~/Projects/pmim$
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