Python 3.3.0 (v3.3.0:bd8afb90ebf2, Sep 29 2012, 10:57:17) [MSC v.1600 64 bit (AMD64)] on win32

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>>> from fibRec import \*

>>> count=0

>>> for i in range(1,40):

checkFib2(i)

Fibonacci(1) = 1

Number of additions is= 0

Fibonacci(2) = 1

Number of additions is= 0

Fibonacci(3) = 2

Number of additions is= 1

Fibonacci(4) = 3

Number of additions is= 2

Fibonacci(5) = 5

Number of additions is= 4

Fibonacci(6) = 8

Number of additions is= 7

Fibonacci(7) = 13

Number of additions is= 12

Fibonacci(8) = 21

Number of additions is= 20

Fibonacci(9) = 34

Number of additions is= 33

Fibonacci(10) = 55

Number of additions is= 54

Fibonacci(11) = 89

Number of additions is= 88

Fibonacci(12) = 144

Number of additions is= 143

Fibonacci(13) = 233

Number of additions is= 232

Fibonacci(14) = 377

Number of additions is= 376

Fibonacci(15) = 610

Number of additions is= 609

Fibonacci(16) = 987

Number of additions is= 986

Fibonacci(17) = 1597

Number of additions is= 1596

Fibonacci(18) = 2584

Number of additions is= 2583

Fibonacci(19) = 4181

Number of additions is= 4180

Fibonacci(20) = 6765

Number of additions is= 6764

Fibonacci(21) = 10946

Number of additions is= 10945

Fibonacci(22) = 17711

Number of additions is= 17710

Fibonacci(23) = 28657

Number of additions is= 28656

Fibonacci(24) = 46368

Number of additions is= 46367

Fibonacci(25) = 75025

Number of additions is= 75024

Fibonacci(26) = 121393

Number of additions is= 121392

Fibonacci(27) = 196418

Number of additions is= 196417

Fibonacci(28) = 317811

Number of additions is= 317810

Fibonacci(29) = 514229

Number of additions is= 514228

Fibonacci(30) = 832040

Number of additions is= 832039

Fibonacci(31) = 1346269

Number of additions is= 1346268

Fibonacci(32) = 2178309

Number of additions is= 2178308

Fibonacci(33) = 3524578

Number of additions is= 3524577

Fibonacci(34) = 5702887

Number of additions is= 5702886

Fibonacci(35) = 9227465

Number of additions is= 9227464

Fibonacci(36) = 14930352

Number of additions is= 14930351

Fibonacci(37) = 24157817

Number of additions is= 24157816

Fibonacci(38) = 39088169

Number of additions is= 39088168

Fibonacci(39) = 63245986

Number of additions is= 63245985

>>>