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Editor: Simon Plouffe

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*** START OF THE PROJECT GUTENBERG EBOOK THE FIRST 1001 FIBONACCI NUMBERS ***

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April, 2001 [Etext #2585]

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Mathematical constants and numbers edited by Simon Plouffe Associate Professor LaCIM, University of Quebec at Montreal
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Mathematical constants and numbers edited by Simon Plouffe Associate Professor LaCIM, University of Quebec at Montreal <http://www.lacim.uqam.ca/pi> : Plouffe's Inverter plouffe@math.uqam.ca

The first 1001 fibonacci numbers. Definition $F(n) = F(n-1)+F(n-2)$, each term is the sum of the 2 previous terms.

1 1 2 1 3 2 4 3 5 5 6 8 7 13 8 21 9 34 10 55 11 89 12 144 13 233 14 377 15 610 16 987 17 1597 18 2584 19 4181 20 6765 21 10946 22 17711 23 28657 24 46368 25 75025 26 121393 27 196418 28 317811 29 514229 30 832040 31 1346269 32 2178309 33 3524578 34 5702887 35 9227465 36 14930352 37 24157817 38 39088169 39 63245986 40 102334155 41 165580141 42 267914296 43 433494437 44 701408733 45 1134903170 46 1836311903 47 2971215073 48 4807526976 49 7778742049 50 12586269025 51 20365011074 52 32951280099 53 53316291173 54 86267571272 55 139583862445 56 225851433717 57 365435296162 58 591286729879 59 956722026041 60 1548008755920 61 2504730781961 62 4052739537881 63 6557470319842 64 10610209857723 65 17167680177565 66 27777890035288 67 44945570212853 68 72723460248141 69 117669030460994 70 190392490709135 71 308061521170129 72 498454011879264 73 806515533049393 74 1304969544928657 75 2111485077978050 76 3416454622906707 77 5527939700884757 78 8944394323791464 79 14472334024676221 80 23416728348467685 81 37889062373143906 82 61305790721611591 83 99194853094755497 84 160500643816367088 85 259695496911122585 86 420196140727489673 87 679891637638612258 88 1100087778366101931 89 1779979416004714189 90 2880067194370816120 91 4660046610375530309 92 7540113804746346429 93 12200160415121876738 94 19740274219868223167 95 31940434634990099905 96 51680708854858323072 97 83621143489848422977 98 135301852344706746049 99 218922995834555169026 100 354224848179261915075 101 573147844013817084101 102 927372692193078999176 103 1500520536206896083277 104 2427893228399975082453 105 3928413764606871165730 106 6356306993006846248183 107 10284720757613717413913 108 16641027750620563662096 109 26925748508234281076009 110 43566776258854844738105 111 70492524767089125814114 112 114059301025943970552219 113 184551825793033096366333 114 298611126818977066918552 115 483162952612010163284885 116 781774079430987230203437 117 1264937032042997393488322 118 2046711111473984623691759 119 3311648143516982017180081 120 5358359254990966640871840 121 8670007398507948658051921 122 14028366653498915298923761 123 22698374052006863956975682 124 36726740705505779255899443 125 59425114757512643212875125 126 96151855463018422468774568 127 155576970220531065681649693 128 251728825683549488150424261 129 407305795904080553832073954 130 659034621587630041982498215 131 1066340417491710595814572169 132 1725375039079340637797070384 133 2791715456571051233611642553 134 4517090495650391871408712937 135 7308805952221443105020355490 136 11825896447871834976429068427 137 19134702400093278081449423917 138 30960598847965113057878492344 139 50095301248058391139327916261 140 81055900096023504197206408605 141 131151201344081895336534324866 142 212207101440105399533740733471 143 343358302784187294870275058337 144 555565404224292694404015791808 145 898923707008479989274290850145 146 1454489111232772683678306641953 147 2353412818241252672952597492098 148 3807901929474025356630904134051 149

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