

C:\CECS 282\Prog5_GoldRabbits\Debug\Prog5_GoldRabbits.exe

B1:1.2345678912e36

B2:1.2345678912e36

MAX:2147483647

Press Enter to continue...

B1:123456789123456789123456789123456789

Press Enter to continue...

The GoldRabbit of (0) is 1

The GoldRabbit of (1) is 1

The GoldRabbit of (2) is 2

The GoldRabbit of (3) is 3

The GoldRabbit of (4) is 5

The GoldRabbit of (5) is 8

The GoldRabbit of (6) is 13

The GoldRabbit of (7) is 21

The GoldRabbit of (8) is 34

The GoldRabbit of (9) is 55

The GoldRabbit of (10) is 89

The GoldRabbit of (11) is 144

The GoldRabbit of (12) is 233

The GoldRabbit of (13) is 377

The GoldRabbit of (14) is 610

The GoldRabbit of (15) is 987

The GoldRabbit of (16) is 1597

The GoldRabbit of (17) is 2584

The GoldRabbit of (18) is 4181

The GoldRabbit of (19) is 6765

The GoldRabbit of (20) is 10946

The GoldRabbit of (21) is 17711

The GoldRabbit of (22) is 28657

The GoldRabbit of (23) is 46368

The GoldRabbit of (24) is 75025

The GoldRabbit of (25) is 121393

The GoldRabbit of (26) is 196418

The GoldRabbit of (27) is 317811

The GoldRabbit of (28) is 514229

The GoldRabbit of (29) is 832040

The GoldRabbit of (30) is 1346269

The GoldRabbit of (31) is 2178309

The GoldRabbit of (32) is 3524578

The GoldRabbit of (33) is 5702887

The GoldRabbit of (34) is 9227465

The GoldRabbit of (35) is 14930352

The GoldRabbit of (36) is 24157817

The GoldRabbit of (37) is 39088169

The GoldRabbit of (38) is 63245986

The GoldRabbit of (39) is 102334155

The GoldRabbit of (40) is 165580141

The GoldRabbit of (41) is 267914296

The GoldRabbit of (42) is 433494437

The GoldRabbit of (43) is 701408733

The GoldRabbit of (44) is 1134903170

The GoldRabbit of (45) is 1836311903

The GoldRabbit of (46) is 2971215073

The GoldRabbit of (47) is 4807526976
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The GoldRabbit of (51) is 32951280099
The GoldRabbit of (52) is 53316291173
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The GoldRabbit of (55) is 225851433717
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The GoldRabbit of (163) is 8.4040378329e34
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The GoldRabbit of (202) is 1.1885185613e43
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The GoldRabbit of (211) is 9.0343046356e44

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The GoldRabbit of (218) is 2.6230599263e46
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The GoldRabbit of (223) is 2.9090180355e47
The GoldRabbit of (224) is 4.7068900554e47
The GoldRabbit of (225) is 7.6159080909e47
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The GoldRabbit of (229) is 5.2200210621e48
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The GoldRabbit of (233) is 3.5778556625e49
The GoldRabbit of (234) is 5.7890920688e49
The GoldRabbit of (235) is 9.3669477314e49
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The GoldRabbit of (242) is 2.7196409925e51
The GoldRabbit of (243) is 4.4004715631e51
The GoldRabbit of (244) is 7.1201125556e51
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The GoldRabbit of (263) is 6.6565933044e55
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The GoldRabbit of (265) is 1.7427187520e56
The GoldRabbit of (266) is 2.8197781736e56
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(some lines are removed) – I have attached the output file of goldRabbits(n) function for n from 1 to 3000.

The GoldRabbit of (2906) is 1.5051687898e608
The GoldRabbit of (2907) is 2.4354142608e608
The GoldRabbit of (2908) is 3.9405830507e608
The GoldRabbit of (2909) is 6.3759973115e608
The GoldRabbit of (2910) is 1.0316580362e609
The GoldRabbit of (2911) is 1.6692577673e609
The GoldRabbit of (2912) is 2.7009158036e609
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The GoldRabbit of (2914) is 7.0710893746e609
The GoldRabbit of (2915) is 1.1441262945e610
The GoldRabbit of (2916) is 1.8512352320e610
The GoldRabbit of (2917) is 2.9953615265e610
The GoldRabbit of (2918) is 4.8465967586e610
The GoldRabbit of (2919) is 7.8419582852e610
The GoldRabbit of (2920) is 1.2688555043e611
The GoldRabbit of (2921) is 2.0530513329e611
The GoldRabbit of (2922) is 3.3219068372e611
The GoldRabbit of (2923) is 5.3749581702e611
The GoldRabbit of (2924) is 8.6968650074e611
The GoldRabbit of (2925) is 1.4071823177e612
The GoldRabbit of (2926) is 2.2768688185e612
The GoldRabbit of (2927) is 3.6840511362e612
The GoldRabbit of (2928) is 5.9609199548e612
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The GoldRabbit of (2931) is 2.5250862137e613
The GoldRabbit of (2932) is 4.0856753182e613
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The GoldRabbit of (2937) is 4.5310833614e614
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The GoldRabbit of (2955) is 2.6180598878e618
The GoldRabbit of (2956) is 4.2361098831e618
The GoldRabbit of (2957) is 6.8541697709e618
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The GoldRabbit of (2960) is 2.9034729079e619

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The GoldRabbit of (2961) is 4.6979178504e619
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The GoldRabbit of (2989) is 3.3385612266e625
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The GoldRabbit of (2995) is 5.9908050438e626
The GoldRabbit of (2996) is 9.6933261810e626
The GoldRabbit of (2997) is 1.5684131224e627
The GoldRabbit of (2998) is 2.5377457405e627
The GoldRabbit of (2999) is 4.1061588630e627
The GoldRabbit of (3000) is 6.6439046036e627
Press Enter to continue...
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This is the value of goldRabbits(3000)
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Press Enter to continue...
Overflow Error - goldRabbits overflowed using 46
Transitioning to BigInt
2.2559151616e105
Press Enter to continue...
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