

```
= 10
Recursive
0 1 1 2 3 5 8 13 21 34
Iterative
0 1 1 2 3 5 8 13 21 34
n = 20
Recursive
0 1 1 2 3 5 8 13 21 34 55 89 144 233 377 610 987 1597 2584 4181
Iterative
0 1 1 2 3 5 8 13 21 34 55 89 144 233 377 610 987 1597 2584 4181
n = 30
Recursive
0 1 1 2 3 5 8 13 21 34 55 89 144 233 377 610 987 1597 2584 4181 6765 10946 17711 28657 46368 75025 121393 196418 317811 514229
Iterative
0 1 1 2 3 5 8 13 21 34 55 89 144 233 377 610 987 1597 2584 4181 6765 10946 17711 28657 46368 75025 121393 196418 317811 514229
n = 40
Recursive
0 1 1 2 3 5 8 13 21 34 55 89 144 233 377 610 987 1597 2584 4181 6765 10946 17711 28657 46368 75025 121393 196418 317811 514229 832040 1346269 2
178309 3524578 5702887 9227465 14930352 24157817 39088169 63245986
Iterative
0 1 1 2 3 5 8 13 21 34 55 89 144 233 377 610 987 1597 2584 4181 6765 10946 17711 28657 46368 75025 121393 196418 317811 514229 832040 1346269 2
178309 3524578 5702887 9227465 14930352 24157817 39088169 63245986
n = 50
Recursive
0 1 1 2 3 5 8 13 21 34 55 89 144 233 377 610 987 1597 2584 4181 6765 10946 17711 28657 46368 75025 121393 196418 317811 514229 832040 1346269 2
178309 3524578 5702887 9227465 14930352 24157817 39088169 63245986 102334155 165580141 267914296 433494437 701408733 1134903170 1836311903 2971
215073 4807526976 7778742049
Iterative
0 1 1 2 3 5 8 13 21 34 55 89 144 233 377 610 987 1597 2584 4181 6765 10946 17711 28657 46368 75025 121393 196418 317811 514229 832040 1346269 2
178309 3524578 5702887 9227465 14930352 24157817 39088169 63245986 102334155 165580141 267914296 433494437 701408733 1134903170 1836311903 2971
215073 4807526976 7778742049

Recursive      Iterative
n = 10      274402      239967
n = 20      378487      311589
n = 30      625735      621903
n = 40      705968      698062
n = 50      951292      704575
```