fibo(n)

      RETURN round(pow((1 + sqrt(5)) / 2, n) / sqrt(5)) //(2)

main()

      GET num

      Fibo_num ← fibo(n)

      PRINT Fibo_num

main()

Efficiency

Time complexity = $O(1)$ or constant

Because it runs one line of codes and there are no loops or recursions going on.

Program Trace

Line number	num	print
1	7	Please enter the number
2	7	/
3	7	The corresponding fibonacci value is 13