

	n	1	2	3	4	5	6	7	...
$F(n) =$	F	0	1	1	2	3	5	8	...

$$F_iter \left\{ F(n) = \underbrace{F(n-1) + F(n-2)} \right\}$$

~~F_recur~~ $\left\{ n = 5, F? : F(0), F(1) \right\}$

$$n=5 \rightarrow F(5) = F(4) + F(3)$$

$$n=4 \rightarrow F(4) = F(3) + F(2)$$

$$n=2 \rightarrow F(2) = F(1) + F(0)$$

$$n=3 \rightarrow F(3) = F(2) + F(1)$$

Approach 1: Simple Recursion