Idea:

0 $\begin{cases} \text{if } (n == 1) \quad \text{return } 1. \\ \\ \text{int } tmp = sum \; Rec \, (n-1). \end{cases}$

1 $\begin{cases} ret = n + tmp. \\ \\ \text{return } ret. \end{cases}$

RET

Implement: n = 2

2	0	

$\longrightarrow$

1	0	
2	1	

$\longrightarrow$

	RET	1
2	1	

$\xrightarrow{\text{ret} = 1}$

2	1	

$\longrightarrow$

	RET	3

$\xrightarrow{\text{ret} = 3}$

	1	1