

DP \rightarrow Fibonacci Number

learning curve:

Cases 3 \rightarrow 3 cases in total

if $n \geq 1 \rightarrow$ return 1

if $n \geq 0 \rightarrow$ return 0

if not then:

have $num1 = 0$

$num2 = 1$

then loop through 0 to $n-1$:

~~$num1 =$~~

$temp = num1 + num2$

$num1 = num2$

$num2 = temp$

return $num1 \rightarrow$ Because this will always store
 $F(n-1) + F(n-2)$