

\* Fibonacci

0 1 1 2 3 5 8 13 .....

pseudocode

→ first = 0, second = 1

→ Loop 3 to n

↳ sum = first + second

↳ print(sum)

↳ first = second

second = sum

\* Time comp →  $O(n)$

Space comp ⇒  $O(1)$