

* fibonacci : 1, 1, 2, 3, 5, 8, 13

ex.

$$n = 4, a = c(1, 1)$$

$$\textcircled{1} \text{ length}(a) = 2 < n = 4$$

$$\textcircled{2} \quad a = c(1, 1, a[1] + a[2]) \\ = c(1, 1, 2)$$

$$i = i + 1 = 1 + 1 = 2$$

$$\textcircled{3} \text{ length}(a) = 3 < n = 4$$

$$a = c(1, 1, 2, a[2] + a[3]) \\ = c(1, 1, 2, 3)$$

$$i = i + 1 = 2 + 1 = 3$$

$$\textcircled{4} \text{ length}(a) = 4 \neq n = 4 \text{ (條件不成立)}$$

⇒ 跳出迴圈, print(a)