

$$\text{nums} = \{ \underset{\substack{\uparrow \\ 0}}{0}, \underset{\substack{\uparrow \\ 1}}{2}, \underset{\substack{\uparrow \\ 2}}{1}, \underset{\substack{\uparrow \\ 3}}{5}, \underset{\substack{\uparrow \\ 4}}{3}, \underset{\substack{\uparrow \\ 5}}{4} \}$$

0	1	2	4	5	3
\uparrow	\uparrow	\uparrow	\uparrow		

$$i = 0 + 3$$

$$\begin{aligned} \underline{1} &= \text{nums}[2] & \underline{2} &= \text{nums}[1] \\ \underline{2} &= \text{nums}[1] & \underline{1} &= \text{nums}[2] \end{aligned}$$

$$\boxed{\text{nums}[i] = \text{nums}[\text{nums}[i]]}$$

$$\left[\underset{\substack{\uparrow \\ 0}}{1}, \underset{\substack{\uparrow \\ 1}}{1}, \underset{\substack{\uparrow \\ 2}}{0}, \underset{\substack{\uparrow \\ 3}}{1} \right] i$$

$$\begin{aligned} \underline{\text{count}} &= 1 \text{ (2)} \quad \text{1-} \\ \underline{\text{maxCount}} &= 0 \text{ 2-} \end{aligned}$$

$$i = 0 + 2$$

$$O(2) = \text{Math.max}(\text{count}, \text{maxCount})$$

$$\left[\underset{\substack{\uparrow \\ 0}}{11}, \underset{\substack{\uparrow \\ 1}}{15}, \underset{\substack{\uparrow \\ 2}}{2}, \underset{\substack{\uparrow \\ 3}}{7} \right] (j)$$

$$\text{target} = 9$$

$$\text{return} = [i, j]$$

$$\begin{aligned} 11 + 15 &= 26 \\ 11 + 2 &= 13 \\ 11 + 7 &= 18 \\ 15 + 2 &= 17 \\ 15 + 7 &= 22 \\ 2 + 7 &= 9 \end{aligned}$$