

$$nums = [0, 2, 1, 5, 3, 4] \quad i$$

$$ans = \begin{array}{|c|c|c|c|c|c|} \hline 0 & 1 & 2 & 4 & 5 & 3 \\ \hline \end{array}$$

$$i = 0, 1, 2, 3, 4, 5$$

$$\begin{aligned} 0 &= nums[0] & 0 &= nums[i] \\ 1 &= nums[2] & 2 &= nums[i] \\ 2 &= nums[1] & 1 &= nums[i] \\ 5 &= nums[5] & 5 &= nums[i] \\ 3 &= nums[3] & 3 &= nums[i] \\ 4 &= nums[4] & 4 &= nums[i] \end{aligned}$$

$$ans[i] = \underline{nums[nums[i]]}$$

$$\begin{aligned} \text{target} &= 9 \\ 2 + 7 &= 9 \end{aligned}$$

$$\begin{aligned} [0, 1] \\ i &= 0 \\ j &= i + 1 \end{aligned}$$

$$nums = [2, 7, 11, 15]$$

$$nums = [11, 15, 2, 7] \quad \text{target} = 9$$

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

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

return new int[] {i, j}

$$\text{nums} = [1, 1, 0, 1, 1, 1]$$

$\begin{array}{cccccc} \cancel{x} & \cancel{x} & \cancel{x} & \cancel{x} & \cancel{x} & \cancel{x} \end{array}$

$$\begin{array}{l} \text{count} = \cancel{0} \text{ } \underline{2} \text{ } \cancel{0} \text{ } \cancel{3} \\ \underline{\text{maxCount} = \cancel{0} \text{ } \underline{3}} \end{array}$$

$$i = \cancel{0} \text{ } \cancel{x} \text{ } \cancel{3} \text{ } \cancel{4} \text{ } \cancel{5} \text{ } 6$$