

Target = 16.

nums = [2, 7, 11, 12, 5, 4, 3]

seen = {}

↓
update "seen"

seen[2] = 0

seen =

2 → 0

7 → 1

11 → 2

12 → 3

So, $16 - 5$ in seen

seen[11] = 2

⇒ [4, 2]