S1
abcab

S2
acb

---

change to map

↓

a : [0,3]
b : [1, 4]   } store index   acb   } step 1
c : [2]

---

a : [0,3]
b : [1, 4]   acb
c : [2]
                              ↑
                    pick 'a' to check in
                         the map

---

a : [0,3]
b : [1, 4]   acb
c : [2]
                              ↑
                    pick 'c', if exist

                    ⟹ increase

a : [0, 3]
b : [1, 4]
c : [2]

a c b
↑

why not map to b1?

because c is map to index 2
⟹ next index must > 2