

중복 문자가 없는 가장 긴 부분 문자열의 길이를 리턴하라.

Input: s = "abcabcbb"

Output: 3

Explanation: The answer is "abc", with the length of 3.

1.투 포인터 활용

class Solution:

```
def lengthOfLongestSubstring(self, s: str) -> int:
```

```
    used = {}
```

```
    max_len = start = 0
```

```
    for i, c in enumerate(s):
```

```
        if c in used and start <= used[c]:
```

```
            start = used[c] + 1
```

```
        else:
```

```
            max_len = max(max_len, i - start + 1)
```

```
            used[c] = i
```

```
    return max_len
```