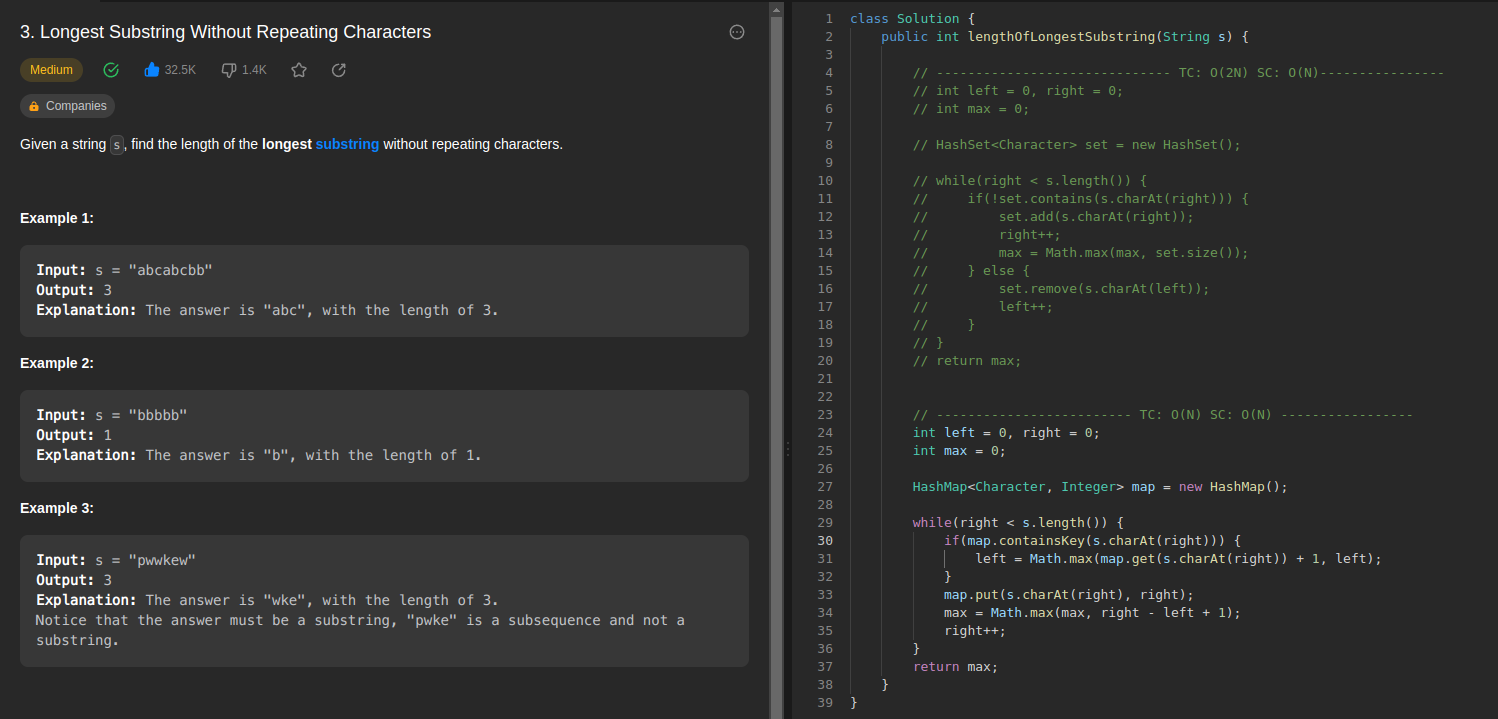
|  |  |
| --- | --- |
| **Strings** | |
| Longest substring without repeating characters | 1 |
| String compression | 1 |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

**Longest substring without repeating characters:**

Using HashSet - TC: O(2N) SC: O(N)

Using HashMap - TC: O(N) SC: O(N)



**String compression:**

TC: O(N)

SC: O(1) for method 1 and O(N) for method 2

