Perform String Shifts (/explore/challenge/card/30-day-leetcoding-challenge/529/week-2/3299/)

Submission Detail

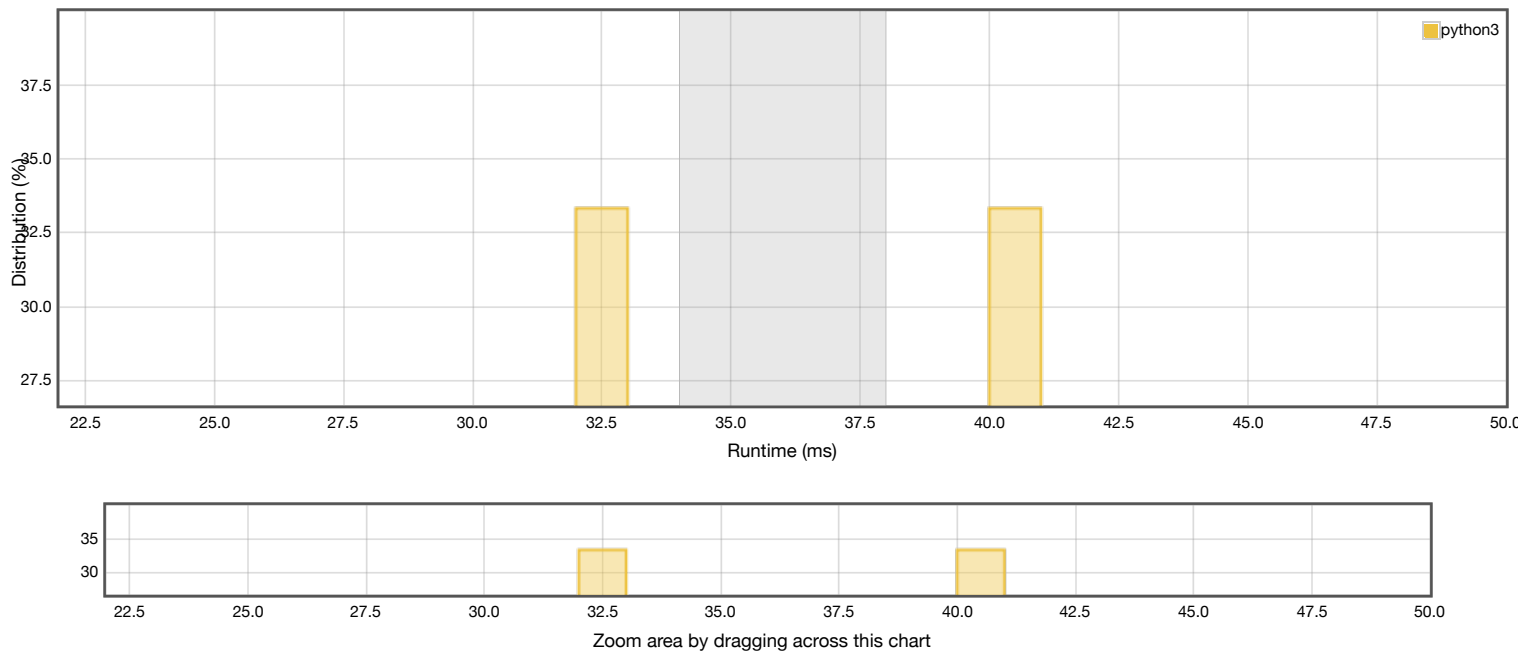**31 / 31** test cases passed.   Status: Accepted

Runtime: **36 ms**
Memory Usage: **13.8 MB**   Submitted: **1 minute ago**

Accepted Solutions Runtime Distribution

Accepted Solutions Memory Distribution

Sorry. We do not have enough accepted submissions to show distribution chart.

Invite friends to challenge **Perform String Shifts**

◄ **16**

Submitted Code: 1 minute ago

Language: python3   Edit Code

```python
class Solution:
    def stringShift(self, s: str, shift: List[List[int]]) -> str:
        cummulative_shift = 0

        # Caluclate cumulative shift
        for change in shift:
            if change[0] == 0:
                # Shift left
                cummulative_shift -= change[1]
            else:
                # Shift right
                cummulative_shift += change[1]

        # Remove shifts greater than whole string lenght
        cummulative_shift %= len(s)

```

```
17              # Slice string
18              if cummulative_shift == 0:
19                  pass
20              elif cummulative_shift > 0:
21                  # Shift to right
22                  slice = len(s) - cummulative_shift
23                  s = s[slice:] + s[:slice]
24              else:
25                  # Shift to left
26                  slice = cummulative_shift - len(s)
27                  s = s[:slice] + s[slice:]
28
29              return s
30
```

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