

Surrounded Regions (/problems/surrounded-regions/)

Submission Detail

58 / 58 test cases passed.

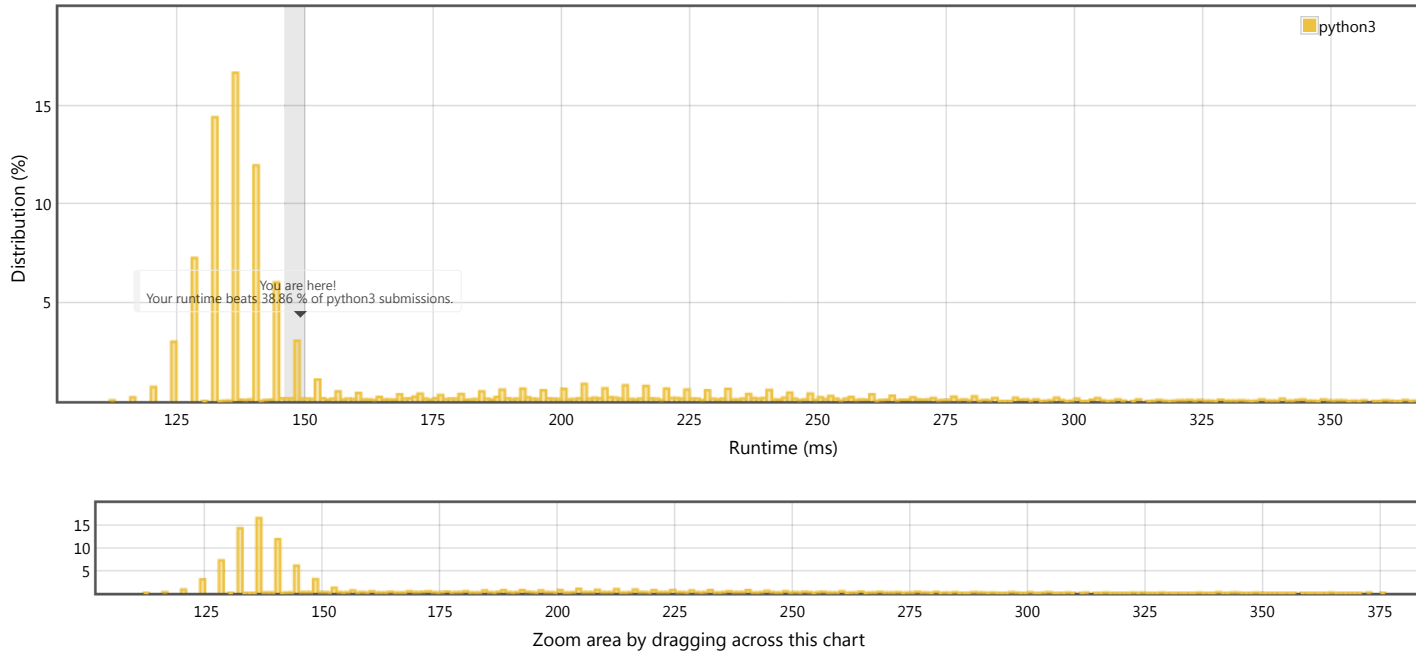
Runtime: 148 ms

Memory Usage: 15.3 MB

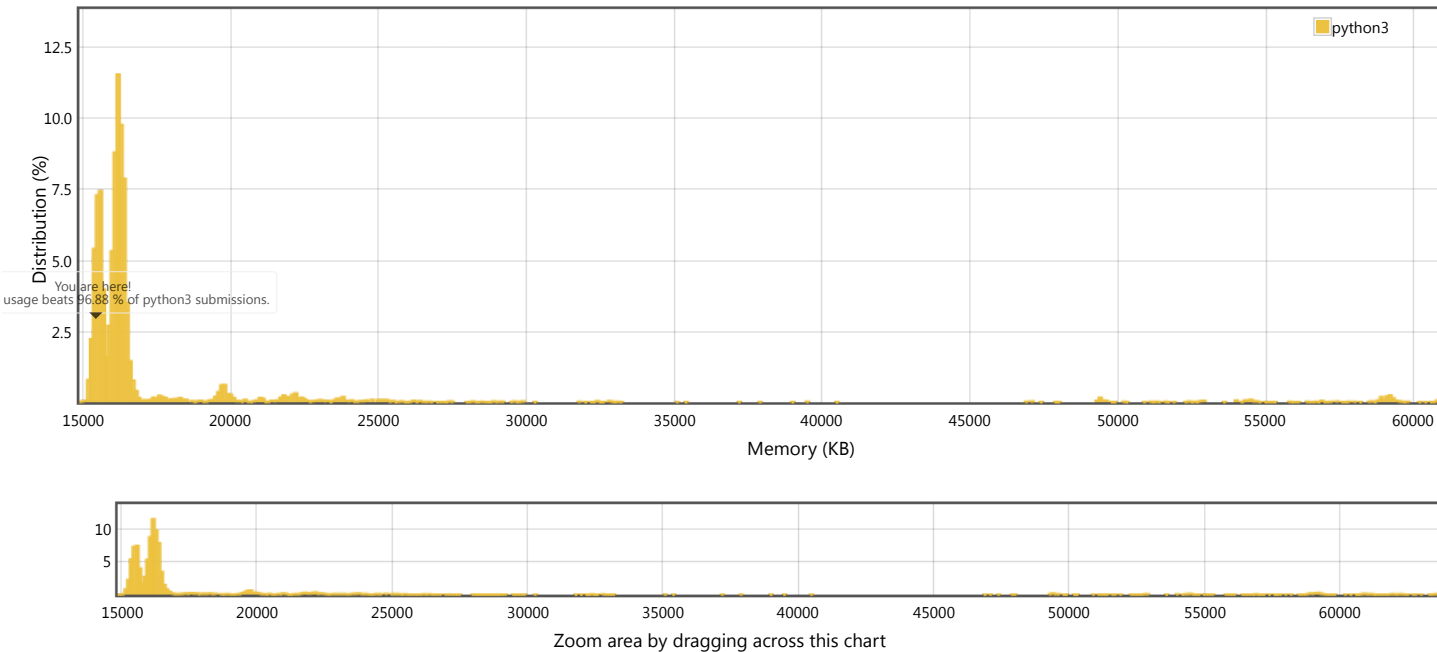
Status: Accepted

Submitted: 4 minutes ago

Accepted Solutions Runtime Distribution



Accepted Solutions Memory Distribution



Invite friends to challenge **Surrounded Regions**

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Submitted Code: 4 minutes ago

Language: python3

Edit Code

```
1 class Solution:
```

```

2     def solve(self, board: List[List[str]]) -> None:
3         """
4         Do not return anything, modify board in-place instead.
5         """
6         m = len(board)
7         n = len(board[0])
8         substitutes = 1
9         if m >= 3 and n >= 3:
10            for i in range(m):
11                for j in range(n):
12                    if board[i][j] == "O" and (i == 0 or i == m - 1 or j == 0 or j == n - 1):
13                        board[i][j] = "R"
14
15            while substitutes:
16                substitutes = 0
17                for i in range(1, m - 1):
18                    for j in range(1, n - 1):
19                        if board[i][j] == "O" and (board[i - 1][j] == "R" or board[i][j + 1] == "R" or board[i + 1][j] == "R" or
20 - 1] == "R"):
21                            board[i][j] = "R"
22                            substitutes += 1
23
24            for i in range(m):
25                for j in range(n):
26                    if board[i][j] == "O":
27                        board[i][j] = "X"
28                    elif board[i][j] == "R":
29                        board[i][j] = "O"

```

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