ZigZag Conversion (/problems/zigzag-conversion/)

Submission Detail

1157 / 1157 test cases passed.
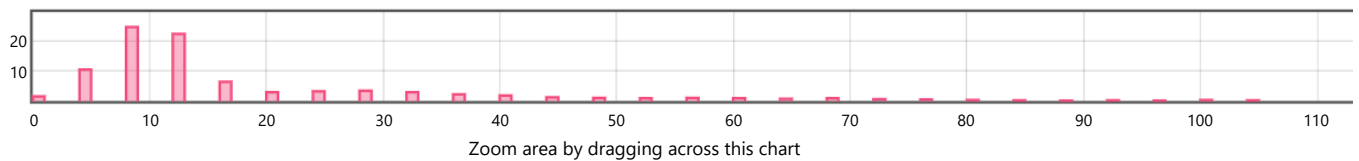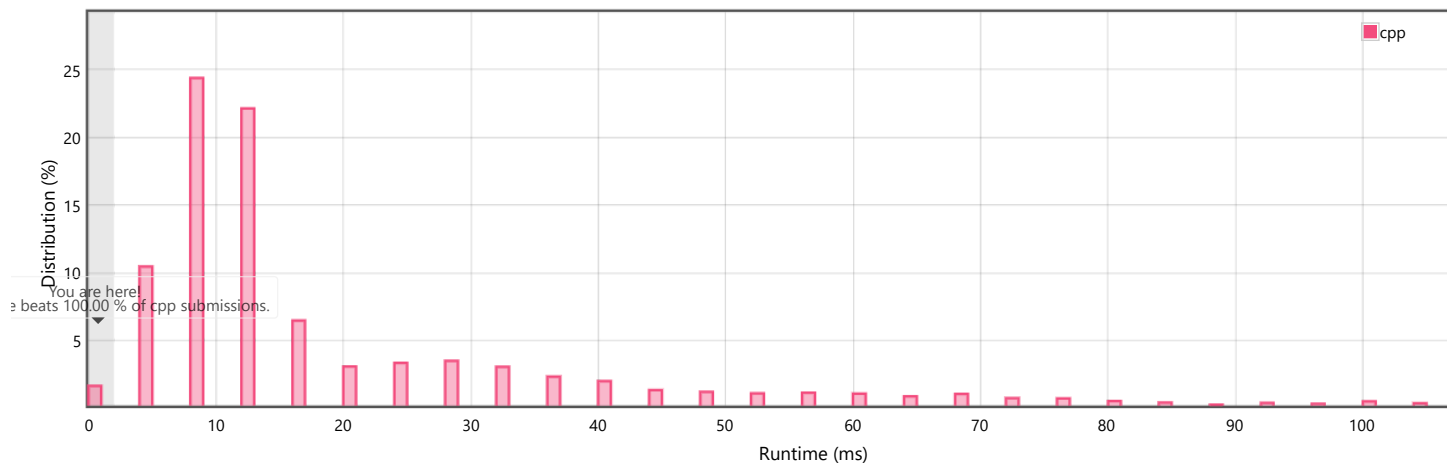
Runtime: **0 ms**
Memory Usage: **7.9 MB**
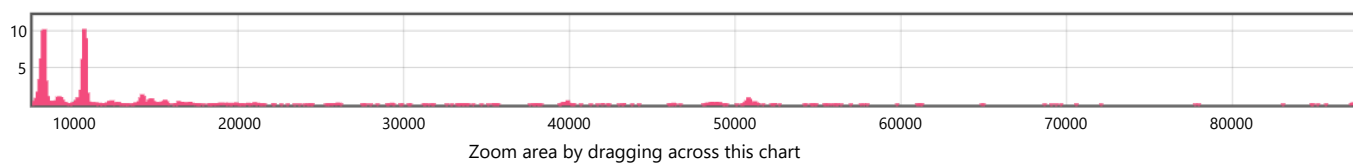
Status: **Accepted**
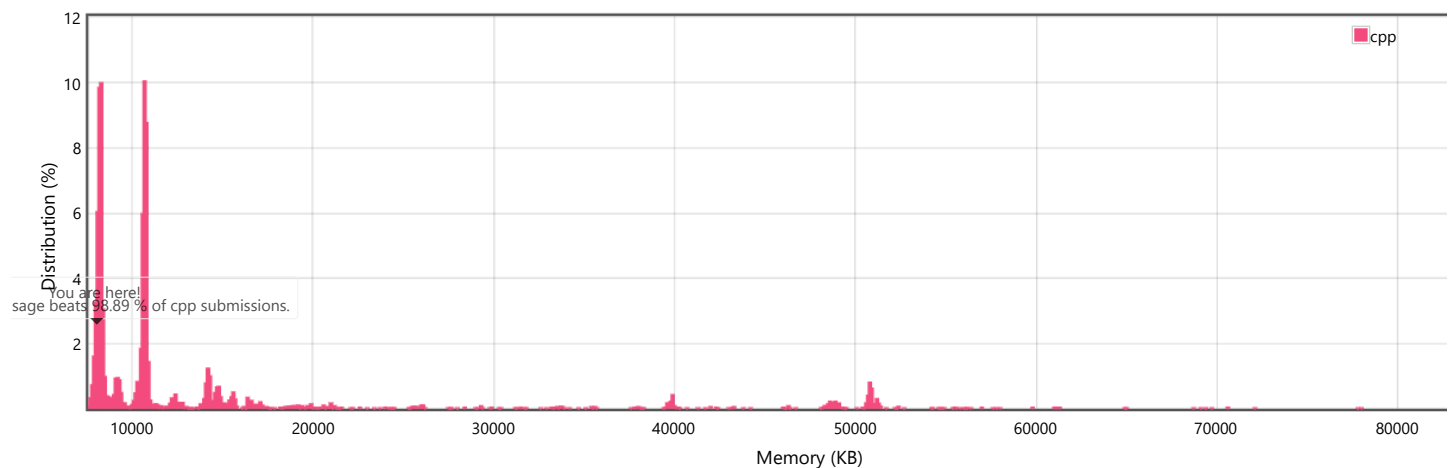
Submitted: **0 minutes ago**

Accepted Solutions Runtime Distribution

Accepted Solutions Memory Distribution

Invite friends to challenge **ZigZag Conversion**

◄ **47**

Submitted Code: 0 minutes ago

Language: cpp

Edit Code

```
1  class Solution {
2  public:
```

```
 3      string convert(string s, int numRows) {
 4          if(numRows == 1)
 5              return s;
 6          string result = s;
 7          int index = 0;
 8          for(int y = 0; y < numRows; y++)
 9          {
10              bool end = false;
11              for(int x = 0; !end; x++)
12              {
13                  if(((2*numRows-2)*x+y) < (s.size()))
14                      result[index++] = s[(2*numRows-2)*x+y];
15                  else
16                      end = true;
17
18                  if((y!=0) && (y!=(numRows-1)))
19                  {
20                      if((((2*numRows)-2)*(x+1)-y)<(s.size()))
21                          result[index++] = s[(((2*numRows)-2)*(x+1)-y)];
22                      else
23                          end = true;
24                  }
25
26              }
27          }
28          return result;
29      }
30  };
31
```

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