

## ZigZag Conversion (/problems/zigzag-conversion/)

## Submission Detail

**1157 / 1157** test cases passed.

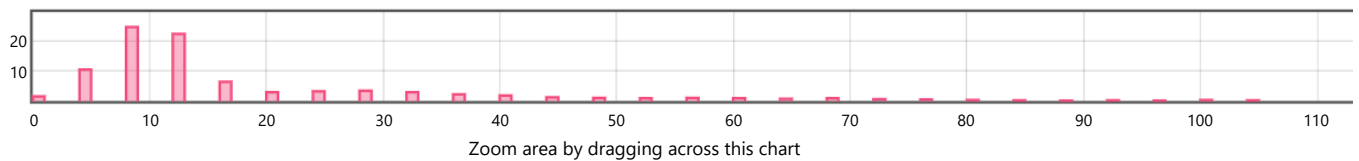
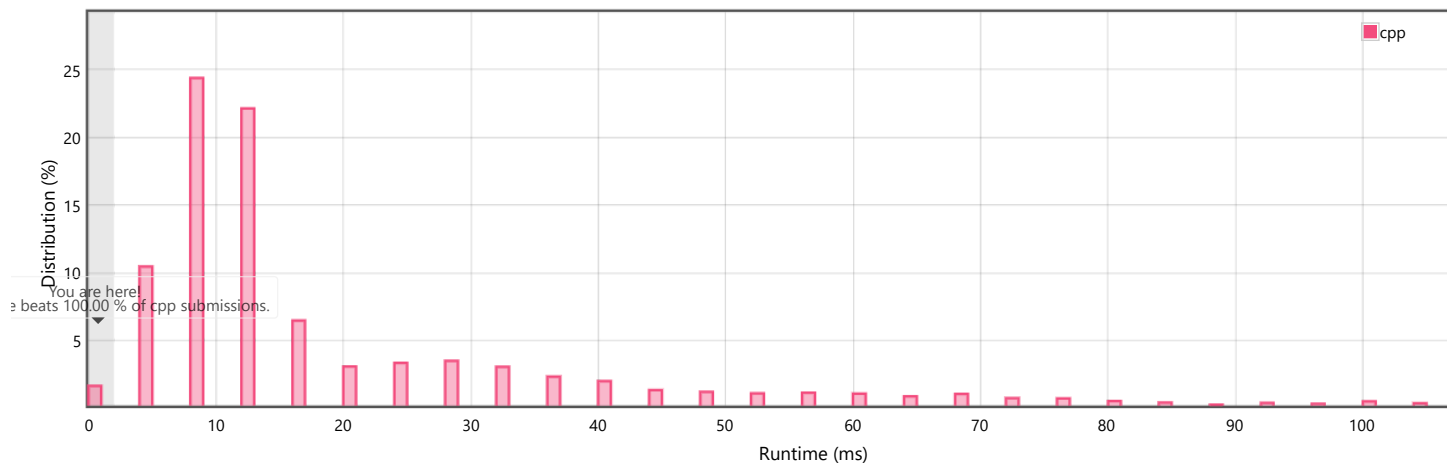
Status: **Accepted**

Runtime: 0 ms

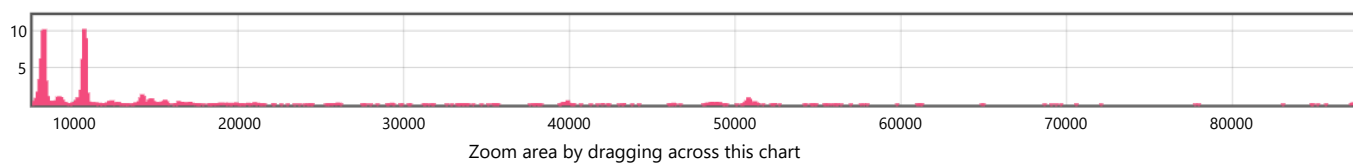
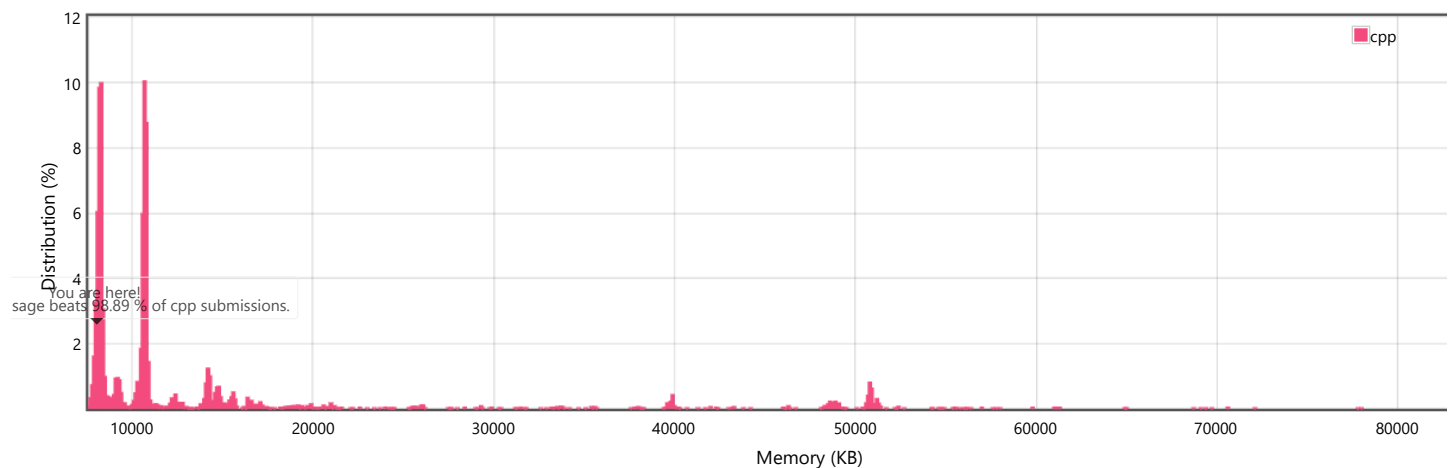
Submitted: 0 minutes ago

Memory Usage: **7.9 MB**

## Accepted Solutions Runtime Distribution



## Accepted Solutions Memory Distribution



Invite friends to challenge **ZigZag Conversion**

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Submitted Code: 0 minutes ago

Language: cpp

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```
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       return result;
28   }
29 }
30 };
31
```

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