



Ways to complete Kraken

1

2

Kraken is a board game that contains $m \times n$ grids on a rectangular board. The objective in Kraken is to reach the bottom of the board (bottom right corner) from the top of the board (top left corner) while moving one grid at a time in either the down, right or diagonally downward directions. Write a method - `krakenCount` that takes in two integers representing m and n , and returns the total number of ways a player can complete the game. Note: Kraken can be played online with a large number of players and with extremely large board sizes. Your method will be used as a part of a service that has strict latency requirements - so you should try and optimize your code to run as fast as possible.

YOUR ANSWER

We recommend you take a quick tour of our editor before you proceed. The timer will pause up to 90 seconds for the tour.

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Original code

Python 3



```
1  #!/bin/python3
2
3  import sys
4  import os
5
6
7  # Complete the function below.
8
9
10 def krakenCount(m, n):
11
12
```



1

2

```
13 ▶ f = open(os.environ['OUTPUT_PATH'], 'w')↔
15
16 _m = int(input());
17
18
19 _n = int(input());
20
21 res = krakenCount(_m, _n)
22 f.write(str(res) + "\n")
23
24 f.close()
25
```

Line: 8 Col: 1

☐ Test against custom input

Run Code

Submit code & Continue

(You can submit any number of times)

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The input/output files have Unix line endings. Do not use Notepad to edit them on windows.

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