

Submission Detail

ID	#516791
Problem	Catalan (https://ejudge.it.kmitl.ac.th/problem/3015)
Username	it60070183(นายธีรภัทร ไกรศรีสิริกุล) (https://ejudge.it.kmitl.ac.th/account/1506)
Language	Python
Correctness Score	100 Points
Bonus Score	900 Points
Quality	100% How to improve your code
Summary Score	1000 Points
Time	2017-11-16 22:59:12

Details

Case 1 [#12328] :	Passed	0.04575000 sec.
Case 2 [#12329] :	Passed	0.04384100 sec.
Case 3 [#12330] :	Passed	0.04186600 sec.
Case 4 [#12331] :	Passed	0.04584100 sec.
Case 5 [#12332] :	Passed	0.04265600 sec.
Case 6 [#12333] :	Passed	0.04209700 sec.
Case 7 [#12334] :	Passed	0.04224600 sec.
Case 8 [#12335] :	Passed	0.04214800 sec.
Case 9 [#12336] :	Passed	0.04327400 sec.
Case 10 [#12337] :	Passed	0.04231800 sec.

Code

pointers=false&textReferences=false&showOnlyOutputs=false&py=3&rawInputLstJSON=%5B%5D&curlInstr=0)

```
1  """
2  PSIT - Week 13
3  Teerapat Kraisorisirikul (60070183)
4  """
5
6  def catalan(num):
7      """ Find catalan number """
8      return (4*(num-1)+2)/(num-1+2)*catalan(num-1) if num > 2 else num
9
10 print(int(catalan(int(input()))))
```