

Submission Detail

ID	#504995
Problem	SqFree (https://ejudge.it.kmitl.ac.th/problem/2916)
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	2017-10-19 10:02:46

Details

Case 1 [#4580] :	Passed	0.02492600 sec.
Case 2 [#4581] :	Passed	0.06035900 sec.
Case 3 [#4582] :	Passed	0.20438600 sec.
Case 4 [#4583] :	Passed	0.03095800 sec.
Case 5 [#4584] :	Passed	0.02495700 sec.

Code

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

```
1  """
2  PSIT Pair-Programming (19th October 2017)
3  #1 - Supakit Theanthunyakit (it6007098)
4  #2 - Teerapat Krairisirikul (it60070183)
5  """
6
7  import math
8
9  def main():
10     """ Main function """
11     num = int(input())
12     sq_free = 0
13
14     for i in range(1, num+1):
15         sq_free += check_sq_free(i)
16
17     print(sq_free)
18
19  def check_sq_free(num):
20     """ Check if the number is square free """
21     sq_free = True
22     for i in range(2, int(math.sqrt(num))+1):
23         if num % i**2 == 0:
24             sq_free = False
25             break
26     return sq_free
27
28  main()
```