

## Submission Detail

ID	#504944
Problem	isPrime_large ( <a href="https://ejudge.it.kmitl.ac.th/problem/2917">https://ejudge.it.kmitl.ac.th/problem/2917</a> )
Username	it60070183(นายธีรภัทร ไกรศรีสิริกุล) ( <a href="https://ejudge.it.kmitl.ac.th/account/1506">https://ejudge.it.kmitl.ac.th/account/1506</a> )
Language	Python
Correctness Score	100 Points
Bonus Score	900 Points
Quality	100% <a href="#">How to improve your code</a>
Summary Score	1000 Points
Time	2017-10-19 09:38:36

## Details

Case 1 [#12640] :	Passed	0.03904900 sec.
Case 2 [#12641] :	Passed	0.03959100 sec.
Case 3 [#12642] :	Passed	0.04214700 sec.
Case 4 [#12643] :	Passed	0.04232100 sec.
Case 5 [#12644] :	Passed	0.04264700 sec.
Case 6 [#12645] :	Passed	0.04288600 sec.
Case 7 [#12646] :	Passed	0.04354200 sec.
Case 8 [#12647] :	Passed	0.04211900 sec.
Case 9 [#12648] :	Passed	0.04223800 sec.
Case 10 [#12649] :	Passed	0.04241000 sec.
Case 11 [#12650] :	Passed	0.06894600 sec.
Case 12 [#12651] :	Passed	0.11270300 sec.
Case 13 [#12652] :	Passed	0.11798200 sec.
Case 14 [#12653] :	Passed	0.10835500 sec.
Case 15 [#12654] :	Passed	0.12578400 sec.
Case 16 [#12655] :	Passed	0.87888600 sec.
Case 17 [#12656] :	Passed	0.23878800 sec.
Case 18 [#12657] :	Passed	0.71513700 sec.
Case 19 [#12658] :	Passed	0.43998000 sec.
Case 20 [#12659] :	Passed	0.33188300 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     is_prime = num >= 2
13
14     for i in range(2, int(math.sqrt(num))+1):
15         if num % i == 0:
16             is_prime = False
17             break
18
19     if is_prime:
20         print("YES")
21     else:
22         print("NO")
23
24     main()
```