

Submission Detail

ID	#511358
Problem	BreakPassword (https://ejudge.it.kmitl.ac.th/problem/2957)
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	2017-11-02 14:21:18

Details

Case 1 [#12152] :	Passed	0.10515000 sec.
Case 2 [#12153] :	Passed	0.12931000 sec.
Case 3 [#12154] :	Passed	0.15674200 sec.
Case 4 [#12155] :	Passed	0.23760400 sec.
Case 5 [#12156] :	Passed	0.27611200 sec.
Case 6 [#12157] :	Passed	0.43997500 sec.
Case 7 [#12158] :	Passed	0.43529200 sec.
Case 8 [#12159] :	Passed	0.29179800 sec.
Case 9 [#12160] :	Passed	0.04930900 sec.
Case 10 [#12161] :	Passed	0.02795800 sec.
Case 11 [#12195] :	Passed	0.02813300 sec.

Code

?pointers=false&textReferences=false&showOnlyOutputs=false&py=3&rawInputLst.JSON=%5B%5D&curlInstr=0)

```
1  """
2  PSIT - Week 11
3  Teerapat Krairisirikul (60070183)
4  """
5
6  import hashlib
7
8  def main():
9      """ Main function """
10     password = input()
11     for i in range(0, 100000):
12         if password == hashlib.sha512(bytes(str("%05i"%i), 'utf-8')).hexdigest():
13             print("%05i"%i)
14             break
15
16     main()
```