

Submission Detail

ID	#500117
Problem	GCD_v1 (https://ejudge.it.kmitl.ac.th/problem/2875)
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	2017-10-12 10:32:30

Details

Case 1 [#5737] :	Passed	0.05318500 sec.
Case 2 [#5738] :	Passed	0.04116000 sec.
Case 3 [#5739] :	Passed	0.04157400 sec.
Case 4 [#5740] :	Passed	0.04747600 sec.
Case 5 [#5741] :	Passed	0.04125600 sec.
Case 6 [#5742] :	Passed	0.04222000 sec.
Case 7 [#5743] :	Passed	0.04400400 sec.
Case 8 [#5744] :	Passed	0.04157900 sec.
Case 9 [#5745] :	Passed	0.04325600 sec.
Case 10 [#5746] :	Passed	0.04676800 sec.

Code

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

```
1  """
2  PSIT Pair-Programming (12th October 2017)
3  #1 - Supakit Rodthong (60070099)
4  #2 - Teerapat Krairisirikul (60070183)
5  """
6
7  def main():
8      """ Main function """
9      print(find_hcf(int(input()), int(input())))
10
11 def find_hcf(num_a, num_b):
12     """ Find the highest common factor """
13     hcf = 1 #Starts with lowest possible HCF
14     for i in range(1, max(num_a, num_b)+1):
15         if num_a % i == 0 and num_b % i == 0:
16             hcf = i
17     return hcf
18
19 main()
```