

## Submission Detail

<b>ID</b>	#500111
<b>Problem</b>	CoPrimeV1 ( <a href="https://ejudge.it.kmitl.ac.th/problem/2876">https://ejudge.it.kmitl.ac.th/problem/2876</a> )
<b>Username</b>	it60070183(นายธีรภัทร ไกรศรีสิริกุล) ( <a href="https://ejudge.it.kmitl.ac.th/account/1506">https://ejudge.it.kmitl.ac.th/account/1506</a> )
<b>Language</b>	Python
<b>Correctness Score</b>	100 Points
<b>Bonus Score</b>	900 Points
<b>Quality</b>	100% <a href="#">How to improve your code</a>
<b>Summary Score</b>	1000 Points
<b>Time</b>	2017-10-12 10:31:37

## Details

<b>Case 1</b> [#4069] :	<b>Passed</b>	0.02590100 sec.
<b>Case 2</b> [#4070] :	<b>Passed</b>	0.02498900 sec.
<b>Case 3</b> [#4071] :	<b>Passed</b>	0.02707100 sec.
<b>Case 4</b> [#4072] :	<b>Passed</b>	0.03765800 sec.
<b>Case 5</b> [#4073] :	<b>Passed</b>	0.03570600 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      hcf = find_hcf(int(input()), int(input()))
10     print("YES"*(hcf == 1) + "NO"*(not hcf == 1))
11     print(hcf)
12
13     def find_hcf(num_a, num_b):
14         """ Find the highest common factor """
15         hcf = 1 #Starts with lowest possible HCF
16         for i in range(1, max(num_a, num_b)+1):
17             if num_a % i == 0 and num_b % i == 0:
18                 hcf = i
19         return hcf
20
21     main()
```