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```
1 ▼#include <map>
   #include <set>
   #include <list>
   #include <cmath>
 5 #include <ctime>
   #include <deque>
   #include <queue>
   #include <stack>
   #include <string>
10 #include <bitset>
11 #include <cstdio>
12 #include <limits>
   #include <vector>
14
   #include <climits>
15
   #include <cstring>
   #include <cstdlib>
16
   #include <fstream>
17
   #include <numeric>
19
   #include <sstream>
20 #include <iostream>
21 #include <algorithm>
   #include <unordered_map>
22
24
   using namespace std;
25
26 bool list_divides(vector<int> &a, int x, int direction = 0) {
        for (int j = 0; j < a.size(); j++) {
    if (!direction && x % a[j] != 0) return false;</pre>
27 ▼
28
29
             if (direction && a[j] % x != 0) return false;
30
31
         return true;
32 }
33
34 vint main(){
35
36
         int m;
37
         cin >> n >> m:
         vector<int> a(n);
for(int a_i = 0;a_i < n;a_i++){</pre>
38
39 ▼
40
           cin >> a[a_i];
41
         vector<int> b(m);
42
         for(int b_i = 0;b_i < m;b_i++){
43 ▼
            cin >> b[b_i];
44
45
46
         int cnt = 0;
         for (int i = 1; i \le 100; i++) {
47 ▼
48 ▼
             if (list_divides(a, i, 0) && list_divides(b, i, 1) ) {
49
                 cnt++;
51
52
         cout << cnt << "\n";
53
         return 0;
54
   1
55
                                                                                                                                  Line: 1 Col: 1
<u>1</u> <u>Upload Code as File</u> ■ Test against custom input
                                                                                                                                    Submit Code
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```

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