

```
1  #include <stdio.h>
2
3  void main() {
4      int status = 0;
5      int x, y;
6      int countX = 0;
7      int countY = 0;
8      scanf("%d %d", &x, &y);
9      while(1) {
10         int k;
11         scanf("%d", &k);
12         if(k <= 0)
13             break;
14         if(k % x == 0 && k % y == 0) {
15             if(status == 0)
16                 status = 1;
17         }
18         if(k % x == 0) {
19             ++countX;
20             if(status == 0)
21                 status = 2;
22         }
23         if(k % y == 0) {
24             ++countY;
25             if(status == 0)
26                 status = 3;
27         }
28     }
29     printf("%d\n%d\n", countX, countY);
30     if(status == 1)
31         printf("xy");
32     else if(status == 2)
33         printf("x");
34     else if(status == 3)
35         printf("y");
36 }
```