

```
1 // Program that finds EBOB and EKOK
2 import java.util.Scanner;
3 public class Solution {
4     public static void main(String[] args) {
5         Scanner input = new Scanner(System.in);
6         int i = 1, ebob = 0, ekok = 0;
7         System.out.print("ENTER THE FIRST NUMBER : ");
8         int n1 = input.nextInt();
9         System.out.print("ENTER THE SECOND NUMBER : ");
10        int n2 = input.nextInt();
11        if (n1 > n2) {
12            while (i <= n1) {
13                if (n1 % i == 0 && n2 % i == 0) {
14                    ebob = i;
15                }
16                i = i + 1;
17            }
18            ekok = (n1 * n2) / ebob;
19            System.out.print("EBOB = "+ebob+"\n"+"EKOK = "+ekok);
20        } else {
21            while (i <= n2) {
22                if (n1 % i == 0 && n2 % i == 0) {
23                    ebob = i;
24                }
25                i = i + 1;
26            }
27            ekok = (n1 * n2) / ebob;
28            System.out.print("EBOB = "+ebob+"\n"+"EKOK = "+ekok);
29        }
30
31
32
33
34    }
35 }
36
```