

# Highest Common Factor!

Problem	Submissions	Leaderboard	Discussions
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C program to print the HCF of two numbers

Input Format

Two numbers seperated by space

Constraints

Cannot use any built in functions

Output Format

The HCF of the two numbers

Sample Input 0

8 6

Sample Output 0

2

f t in

Submissions: 39

Max Score: 10

Difficulty: Easy

Rate This Challenge:

☆☆☆☆☆

More

Current Buffer (saved locally, editable) C

1

2

3#include <stdio.h>

4

5int main()

6

7int n1,n2,n3;

8

9scanf("%d%d",&n1,&n2);

10

11while(n2>0)

12

13n3=n2;

14n2=n1%n2;

15n1=n3;

16

17

18

19printf("%d",n1);

20

21return 0;

22

23

24

25

Line: 1 Col: 1

 [Upload Code as File](#)

☐ Test against custom input

Run Code

Submit Code

Testcase 0 

Congratulations, you passed the sample test case.

Click the **Submit Code** button to run your code against all the test cases.

Input (stdin)

8 6

Your Output (stdout)

2

Expected Output

2