

```
1 package hcff;
2 //importing scanner to collect input
3 import java.util.Scanner;
4 public class Hcff {
5     public static void main(String[] args) {
6         Scanner input = new Scanner(System.in);
7         System.out.print(" enter  first number : ");
8         int first= input.nextInt();
9         System.out.print(" enter  second number : ");
10        int second = input.nextInt();
11        int h_c_f =gcd(first,second);
12        System.out.print("The HCF of of the input numbers is : "+h_c_f);
13    }
14    //a fuction to calculate greatest common divisor
15    private static int gcd (int a, int b){
16        if (b==0)
17            return a;
18        return gcd(b,a%b);
19    }
20
21 }
```