

Enter the numerator for 1st number :
1

Enter the denominator for 1st number
: 2

Enter the numerator for 2nd number :
2

Enter the denominator for 2nd number
: 3

The added fraction is $7/6$

[Process completed - press Enter]

Algorithm

Step 1: Start

Step 2: Declare Variables a, b, c, d, x, y, i, gcd

Step 3: Enter the numerators and denominators for two numbers

Step 4: Initialize $x = (a * d) + (b * c)$

4.1 $y = b * d$

Step 5: Checking Condition

for ($i = 1; i \leq x \&\& i \leq y; i++$)

{ if ($x \% i == 0 \&\& y \% i == 0$)
 $gcd = i$

}

Step 6: Print the Output

Step 7: Stop

Flowchart

