C- Programming

Assignment

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G Sec

4AL19CS079

Algorithm

1) Start

2) Read the value of numerator 1, denominator 1, Numerator 2, denominator 2.

3) x = (numerator1 * denominator 2) + (denominator 1 * numerator 2)

4) y = (denominator 1 * denominator 2)

5) for (c=1; c<=x && c<=y; c++), if this condition becomes false goto step 7

5.1) if (x%c==0 && y%c==0), if this condition becomes false goto step 5.

5.1.1) gcd=no=c

6) Repeat the Step 5 until the condition becomes false

7) Print "The added fraction" and display the two values of the condition x/gcd, y/gcd.

8) Stop.

Flowchart.