

Program to add two fractions

Algorithm

- 1) Start
- 2) Read the value of numerator₁, denominator₁, numerator₂, denominator₂.
- 3) $x = (\text{numerator}_1 * \text{denominator}_2) + (\text{denominator}_1 * \text{numerator}_2)$
- 4) $y = (\text{denominator}_1 * \text{denominator}_2)$
- 5) for($c=1$; $c \leq x$ & $c \leq y$; $c++$), if this condition becomes false goto step 7.
- 5.1) if $(x \% c == 0 \text{ \& \& } y \% c == 0)$, if this condition becomes false goto step 5.
- 5.1.1) $\text{gcd} = c$
- 6) Repeat the step 5 until the condition becomes false.
- 7) Print "The added fraction" & display the two value of the condition x/gcd , y/gcd
- 8) stop

Flowchart

