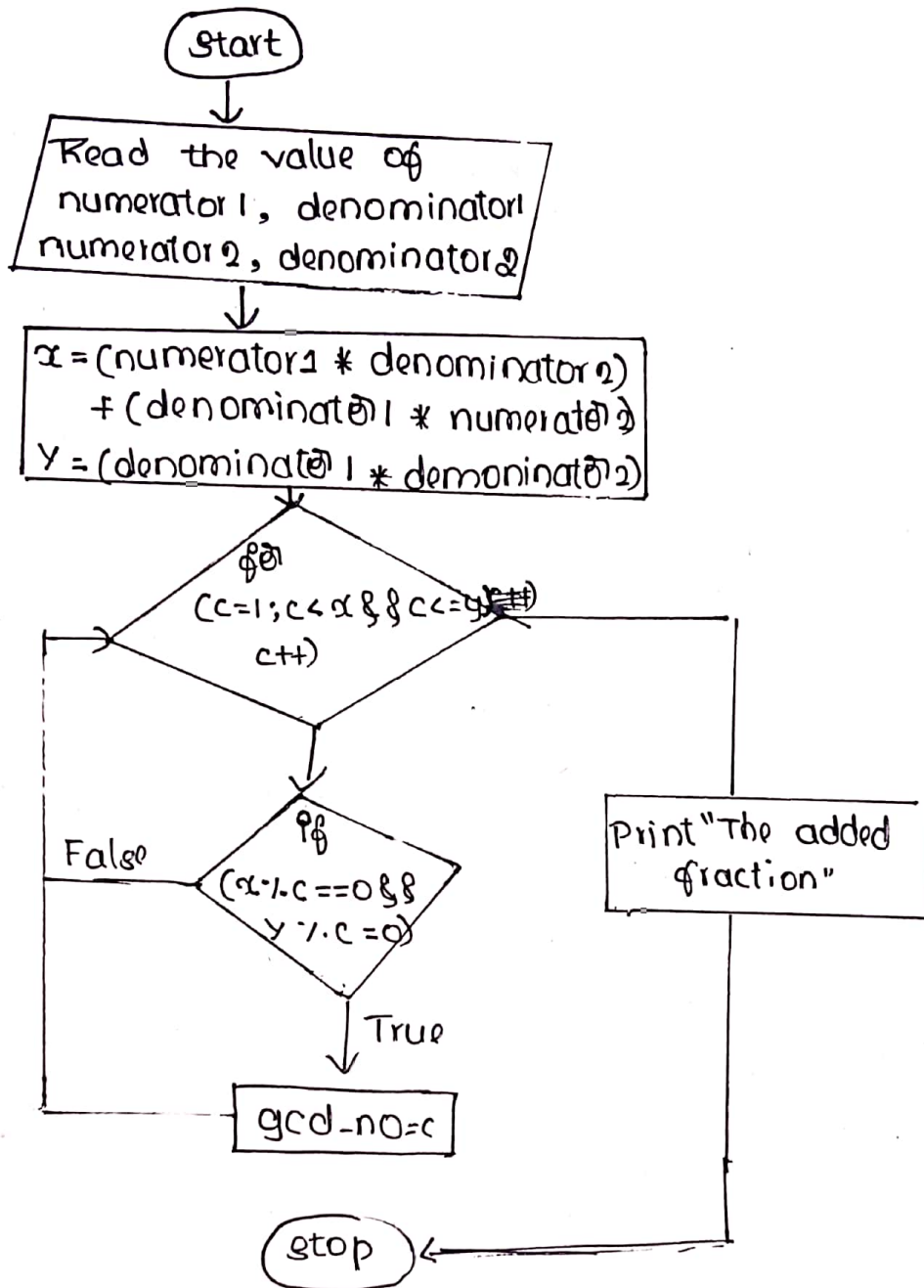


4AL19ISO48

Flowchart



4AL19IS042

Algorithm

Step 1 : start

Step 2 : Read the value of numerator₁, denominator₁, numerator₂, denominator₂

Step 3 : $x = (\text{numerator}_1 * \text{denominator}_2) + (\text{denominator}_1 * \text{numerator}_2)$

Step 4 : $y = (\text{denominator}_1 * \text{denominator}_2)$

Step 5 : for ($c = 1$; $c \leq x$ & $c \leq y$; $c++$) if this condition become false goto step 7.

5.1 : If $(x \% c == 0 \& \& y \% c == 0)$ if this condition becomes false goto step 5

5.1.1 : $\text{gcd} \text{ no} = c$

Step 6 : Repeat the step 5 until the condition becomes false.

Step 7 : Print "The added fraction" and display 2 value of the condition x/gcd , y/gcd .

Step 8 : stop.