

Start

Input fractions e.g. $\frac{1}{2}$ and $\frac{2}{3}$

Find lowest common denominator
e.g. 6

Convert each fraction to have the same denominator
e.g. $\frac{3}{6}$ and $\frac{4}{6}$

Add numerators
e.g. $3 + 4 = 7$

Simplify the fraction if possible
e.g. $\frac{7}{6} = 1\frac{1}{6}$

Output sum of fractions e.g. $1\frac{1}{6}$

Stop