

Linear Equation

The function is given a string representing a linear equation with one unknown. Find the value of x that is a valid solution of the equation. Return the string $x=val$. Three outcomes are possible:

- x_val is an integer or a float (round x_val to 2 decimals)
- "Infinite solutions" for situations $0*x=0$
- "No solution" for situations $0*x=num$, ($num \neq 0$)

Examples

`FindX("4x-7=x+11")` → "x=6"

`FindX("3x=2x+x")` → "Infinite solutions"

`FindX("3x=3x+2")` → "No solution"

`FindX("-1-2x=15+x")` → "x=-5.33"

Notes

- It is a good exercise for using *Regex* to find all numbers and coefficients of x .
- All numbers have at most 3 digits.