

# Regula Falsi method Practice Questions

Write a program in C to find the root of the given following equations upto 4 decimal places using regula falsi method. \_

- $X \cdot \cos\left(\frac{x}{x-2}\right) = 0$
- $X^2 = (\exp(-2x) - 1/x)$
- $\exp(x^2 - 1) + 10\sin(2x) - 5 = 0$
- $\exp(x) - 3x^2 = 0$
- $\tan(x) - x - 1 = 0$
- $\sin(2x) - \exp(x - 1) = 0$

## Instructions

1. Input the equation from the user.
2. Code should be generic.
3. Make a sub-folder in your google drive naming the method. Save the code and respective output in it.