Homework #1

- **Homework (Due date : September 18, 2023 4:00 PM)**

  - Implement four root finding methods such as the method of bisection, Newton's, secant, regular falsi.

    - Discuss their comparative performances for at least three different problems.

    - Compare secant and regular falsi for the following root finding problem:

      - $X^3 = - \cos(x)$, start with $x_1 = -1$, $x_2 = 0$.

  (Caution!) Do not copy any existing codes, but implement them in your language. Your own codes should be included in your report. Please submit your report at MLS system.