**Assignment # 01 MTH603 (Spring 2024)**

**Marks: 10  
 Due Date: May 6, 2024**

**DON’T MISS THESE: Important instructions before attempting the solution and submission of this assignment:**

* **Lectures 3-10 are encompassed in Assignment 1.**
* **Only students in Section: Arooba Fatima shall complete this Assignment.**
* **Students in other teacher’s section will be completing a different assignment and are prohibited from solving this one.**
* **Submitting a copied assignment or irrelevant assignment will result in a zero grade.**
* **Assignment 1 is due on May 6, 2024.**
* **Properly Upload the solution of this assignment in MS Word format on LMS as per the previous practice.**

**Question 01: [05 Mark]**

Solve the following system of linear equations



by using Gaussian Elimination Method.

**Question 02: [05 Mark]**

Use False-position method to calculate the root of in the interval [-1.5,2.5].

Note: Accuracy up to 4-decimal places is required.