

Assignment 1

1. By exact cost analysis, analyze the time complexity of the Linear Search and the Binary Search algorithm (given in the lecture slides).
2. Implement the `insert_after` and `delete_element` functions for a singly linked list with a dummy head. You can write the answer as pseudocodes, or in any programming language you prefer.

You have to convert the handwritten assignment into PDF using CamScanner (or any similar app), and submit it in LMS before deadline.