Assignment 4 | 7th January 2021

For any doubts regarding the assignment, ask questions in the Data Structures and Algorithms Group in the Community.
Submit Assignments by 12th January 2021 11:59 PM

Assignment Submit Form: https://forms.gle/NNBMrBwhTFKhuP5h6
Submit assignments in Appropriate Dropdowns.

Question 1

Write a function "insert_any()" for inserting a node at any given position of the linked list. Assume position starts at 0.

Question 2

Write a function "delete_beg()" for deleting a node from the beginning of the linked list.

Question 3

Write a function "delete_end()" for deleting a node from the end of the linked list.

Question 4

In the Binary Search algorithm, it is suggested to calculate the mid as beg + (end - beg) / 2 instead of (beg + end) / 2. Why is it so?

Question 5

Write the algorithm/function for Ternary Search.

FAQs

Q. When do I submit the Assignments and how?

    A. The assignments for the week should be submitted by 12th January 2021 i.e.Tuesday 11:59 PM IST.

    B. You need to submit the answers in Document Format

Q. Where do I get class links for the next session?

    A. All sessions will be Live on our Youtube Channel. Subscribe to LetsUpgrade YouTube Channel. You'll also get an email with the link to the live session.

    B. It will be also updated in the Community Group in the pinned post.

Q. I have some doubt, who do I ask?

    A. Post your Queries on the community, someone will help you out.

Q. How can we know if my assignment is verified or not? And is it successfully submitted or not?

    A. You will receive a mail for your successful submission.