

Analysis of Algorithm Assignment

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Linked list function time complexity:

★ Insertion at first:

$$T(n)=O(1)$$

★ Insertion at the end

$$T(n)=O(\sqrt{n} * n):$$

★ Search:

$$T(n)=O(n)$$

★ Review:

$$T(n)=O(n)$$

★ Delete:

$$T(n)=O(n)$$