

UCCC & SPBCBA & SDHG COLLEGE OF BCA AND IT

Home Assignment

Class :- S.Y. B.Sc. I.T. (3rd Semester)

A.Y. : 2026-27

Subject : (303) Data Structure

Assignment -1

1. Explain best case time complexity, average case time complexity and worst case time complexity.
2. Explain Polish Notations.
3. Explain Application of Queue.

Assignment -2

1. Explain Doubly Linked List.
2. Explain Splay Tree.
3. Explain Quick Sort.

Note:

- Assignment must be self-handwritten with blue ink ball point pen only.
- Online assignment submission date will be declared later on.



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28/7/26