Data Structures and Algorithms

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Major Assignment

Please Subscribe My YouTube Channel: Aadil Tech Talks

https://www.youtube.com/channel/UCKoZBtomzn0v0ihgJ10moWQ

Note:

Solve the assignment on page, take photos, make a single PDF file and upload (No other format than PDF is allowed)

Clearly mention Your Name and ID on top of the assignment.

Task #1:

Consider the following list and sort it using

a.	Insertion Sort	04
b.	Bubble Sort	03
с.	Selection Sort	03

12, 30, 14, 9, 10, 12, 7, 9, 0

Task #2:

Consider the following list, construct a Binary Tree and then verify.	04
	•.

50, 20, 70, 25, 65, 50, 30, 75, 63, 67, 20, 29, 22

Task #3:

Consider the following Mathematical Expressions, construct a Binary Tree.

1.	A + B * D / T ^ F	03
2.	(M * N) ^ 3 – A * G	03

Watch video Lectures (Recorded by me) carefully, understand and attempt the assignment. Contact me on Whatsapp: 0306-5666673