**LAPORAN TUGAS**

**MATA KULIAH ALGORITMA DAN STRUKTUR DATA**

Dosen Pengampu : Triana Fatmawati, S.T, M.T

**PERTEMUAN - 12 - Double Linked List**

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**Nama : M. Zidna Billah Faza**

**NIM : 2341760030**

**Prodi : D-IV Sistem Informasi Bisnis**

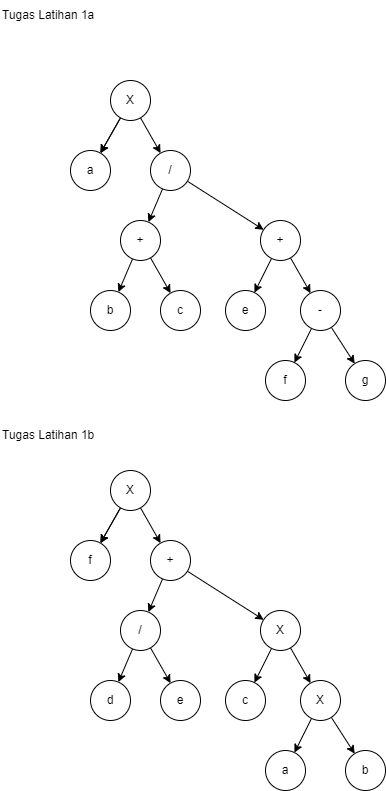
**JURUSAN TEKNOLOGI INFORMASI**

**POLITEKNIK NEGERI MALANG**

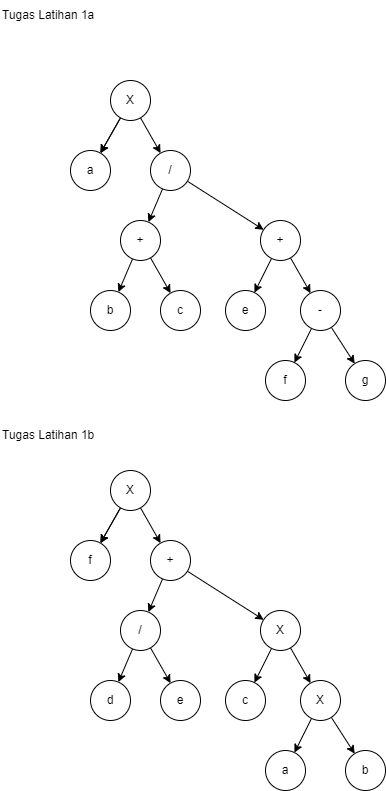
**2024**

**Latihan 1**

1. Latihan 1a



1. Latihan 1b



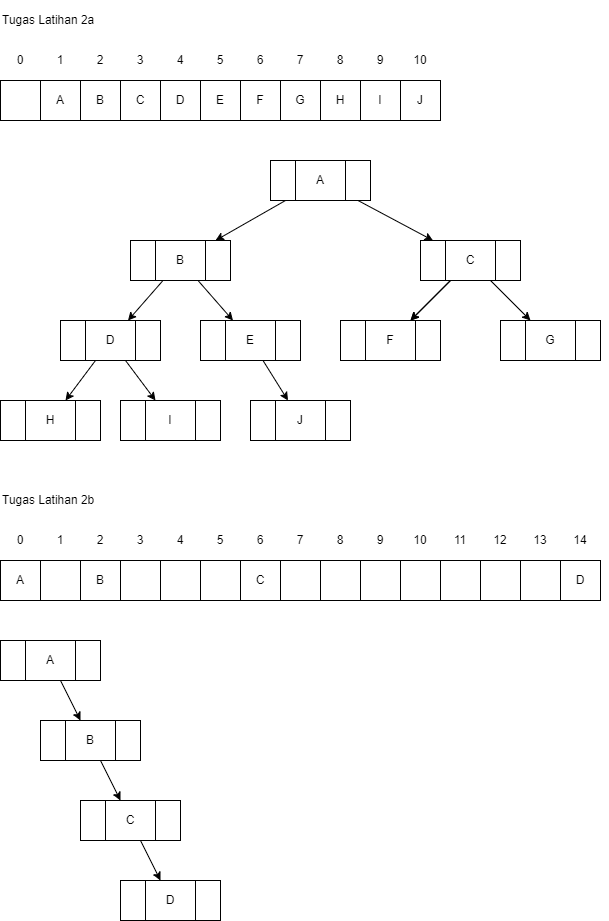
**Latihan 2**

1. Latihan 2a
2. Latihan 2b

Latihan 3

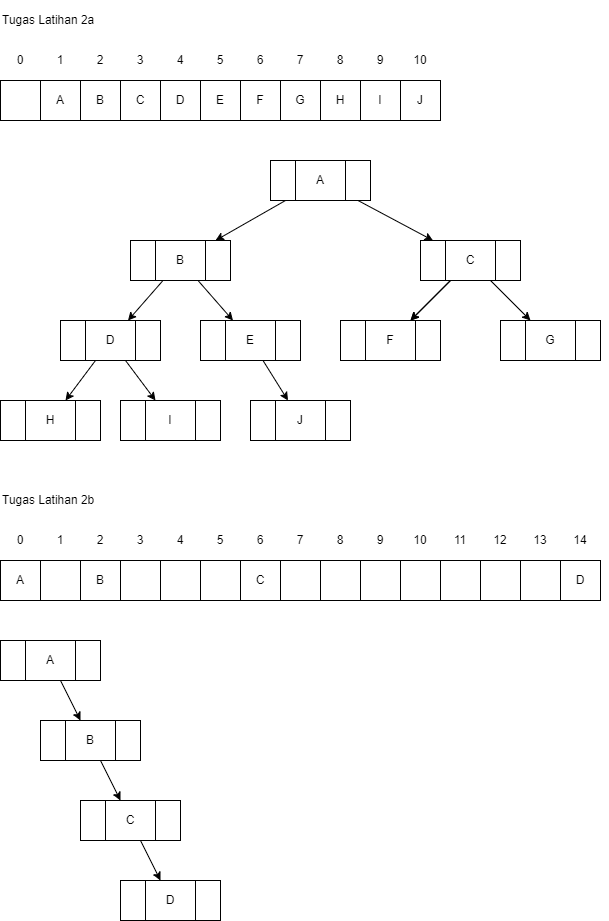
1. Latihan 3a

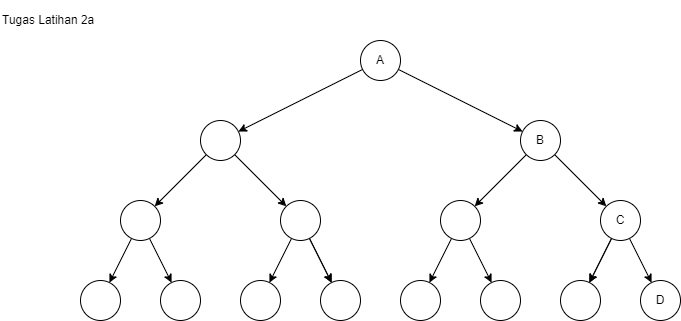
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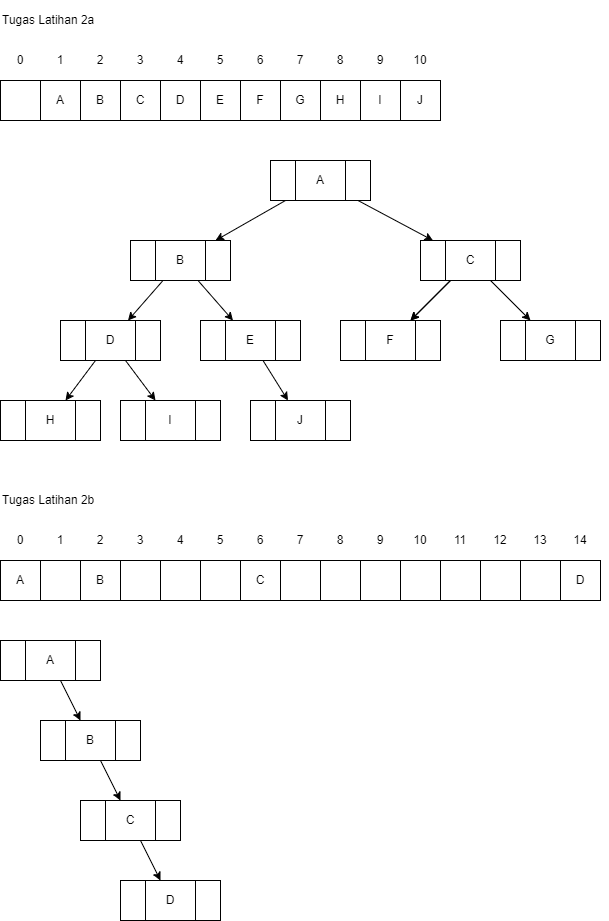


1. Latihan 3b

Indeks mulai 0

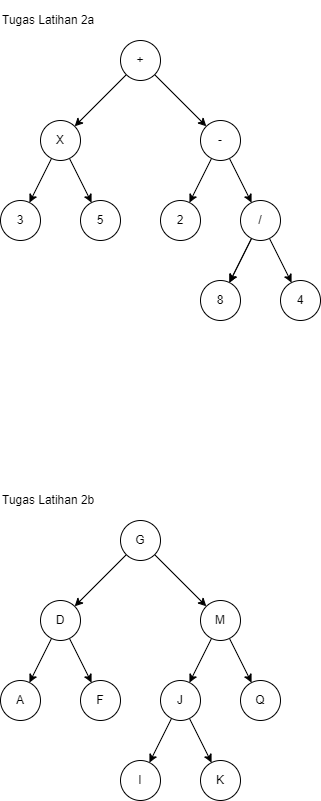






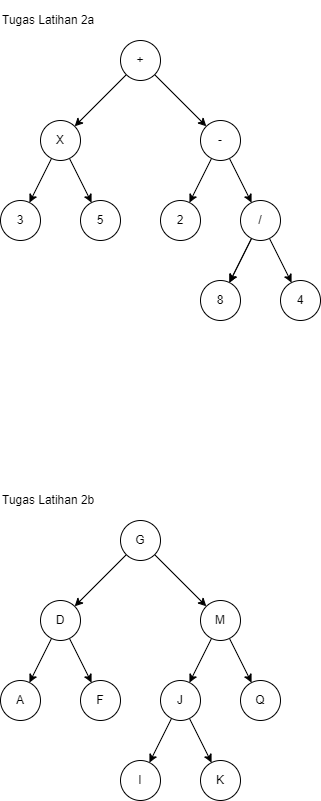
Latihan 3

1. Latihan 3a



* Preorder Traversal : + \* 3 5 - 2 / 8 4
* Inorder Traversal : 3 \* 5 + 2 - 8 / 4
* Postorder Traversal : 3 5 \* 2 8 4 / - +
* Level Order Traversal : + \* - 3 5 2 / 8 4

1. Latihan 3b



* Preorder Traversal : G D A F M J Q I K
* Inorder Traversal : A D F G I J K M Q
* Postorder Traversal : A F D I K J Q M G
* Level Order Traversal : G D M A F J Q I K

Repository GitHub : <https://github.com/zidnafaz/Algoritma-Struktur-Data>