

NAMA : HAFIDH AHMAD FAUZAN

NIM : 19051397027

PRODI : D4 MANAJEMEN INFORMATIKA 'A

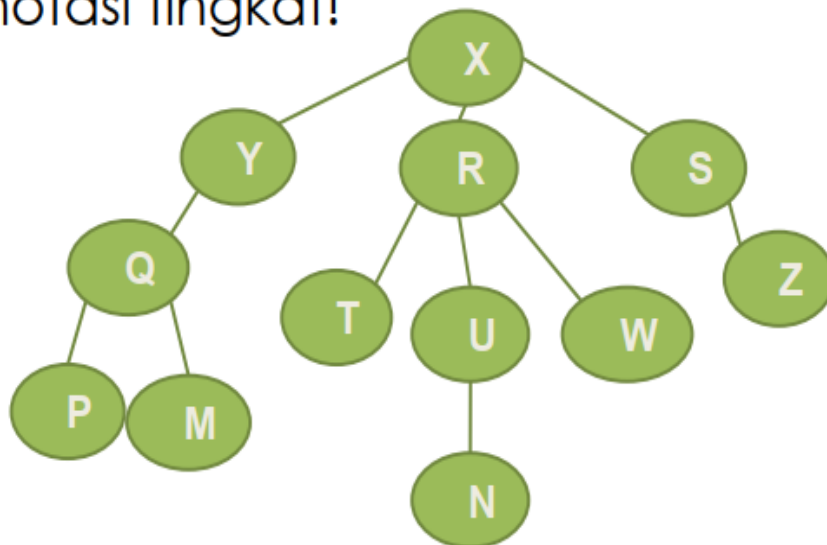
TREE AND BINARY TREE

1. Latihan



Latihan

- Buat diagram venn, notasi kurung dan notasi tingkat!



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- Buatlah diagram venn, notasi kurung, dan notasi tingkat !
- Identifikasikan !

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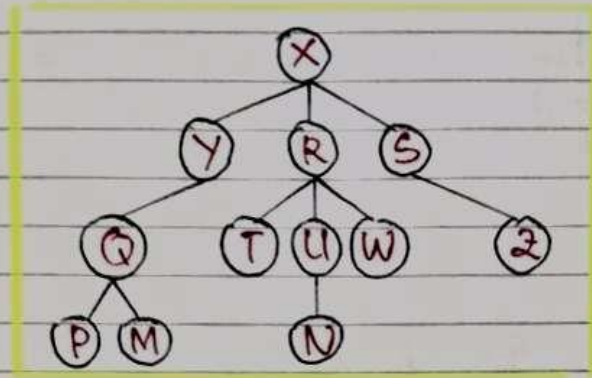
TREE & BINARY TREE

No. _____

Date . . .

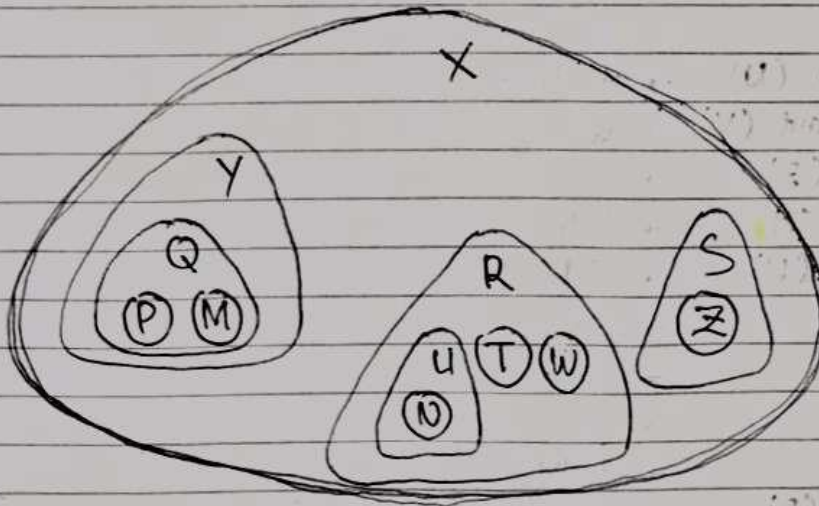
LATIHAN

- Buat diagram venn, notasi kurung & notasi tingkat!



JAWABAN

DIAGRAM VENN



NOTASI KURUNG

$(X(Y(Q(P,M)), R(T,U(N),W), S(Z)))$

No. _____

Date . . .

NOTASI TINGKAT

X				
	Y			
		Q		
			P	
			M	
	R	T		
		U		
			N	
		W		
	S			
		Z		

IDENTIFIKASIKAN !

- Ancestor (N) → U, R, X
- Descendant (Y) → Q
- Parent (Z) → S
- Child (Q) → P, M
- Sibling (U) → T, W
- Size → 12
- Height → 4
- Root → X
- Leaf → P, M, N, Z
- Degree (R) → 3

2. Latihan



Latihan

- Gambarkan pohon biner dengan ketentuan sbb :

- Ancestor (M) = Z, X
- Descendant (Y) = K, L
- Parent (N) = Z
- Child (Z) = M, N
- Sibling (Y) = Z
- Size = 7
- Height = 3
- Root = X
- Leaf = K, L, M, N

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- Gambarkan pohon biner dengan ketentuan diatas :

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No. _____
Date . . .

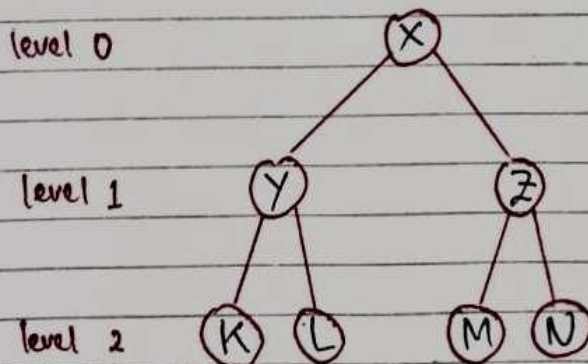
TREE & BINARY TREE

LATIHAN

• Gambarkan pohon biner dengan ketentuan sbb :

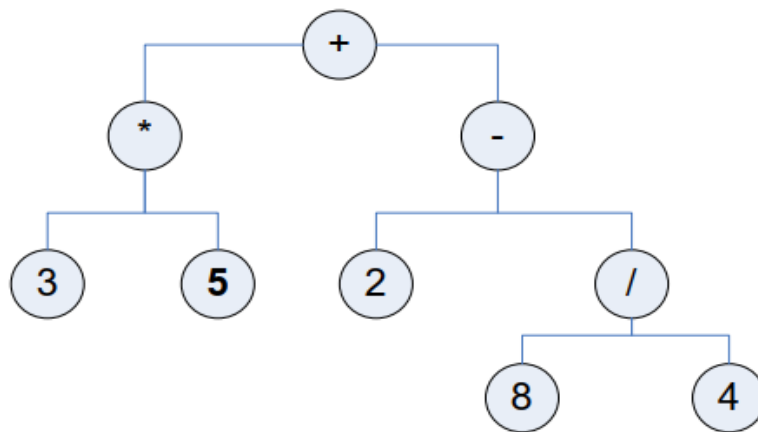
- Ancestor (M) → Z, X
- Descendant (Y) → K, L
- Parent (N) → Z
- Child (Z) → M, N
- Sibling (Y) → Z
- Size → 7
- Height → 3
- Root → X
- Leaf → K, L, M, N

Jawab



3. Latihan

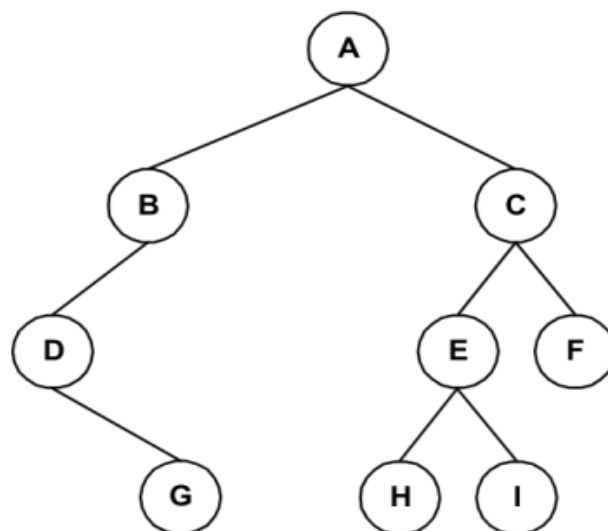
Latihan 1



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Latihan 2



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TREE & BINARY TREE

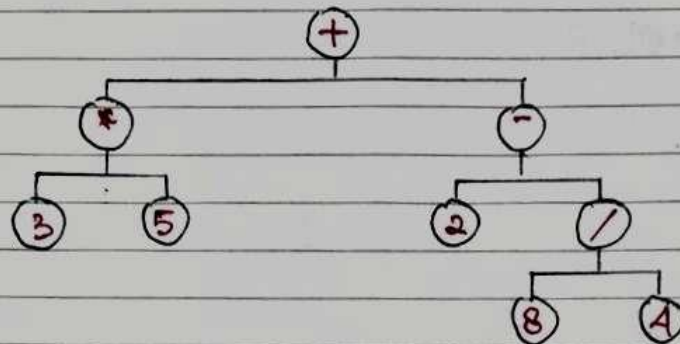
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Date . . .

LATIHAN

- Telusuri pohon biner berikut dengan menggunakan metode pre, in, post !

1.

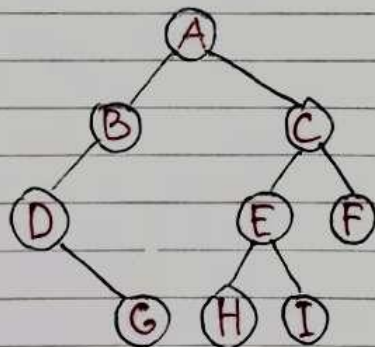


• Pre Order $\rightarrow + * 3 5 - 2 / 8 4$

• In Order $\rightarrow 3 * 5 + 2 - 8 / 4$

• Post Order $\rightarrow 3 5 * 8 4 / 2 - +$

2.



• Pre Order $\rightarrow A B D G C E H I F$

• In Order $\rightarrow D B G A H E C I F$

• Post Order $\rightarrow G D B H I E F C A$