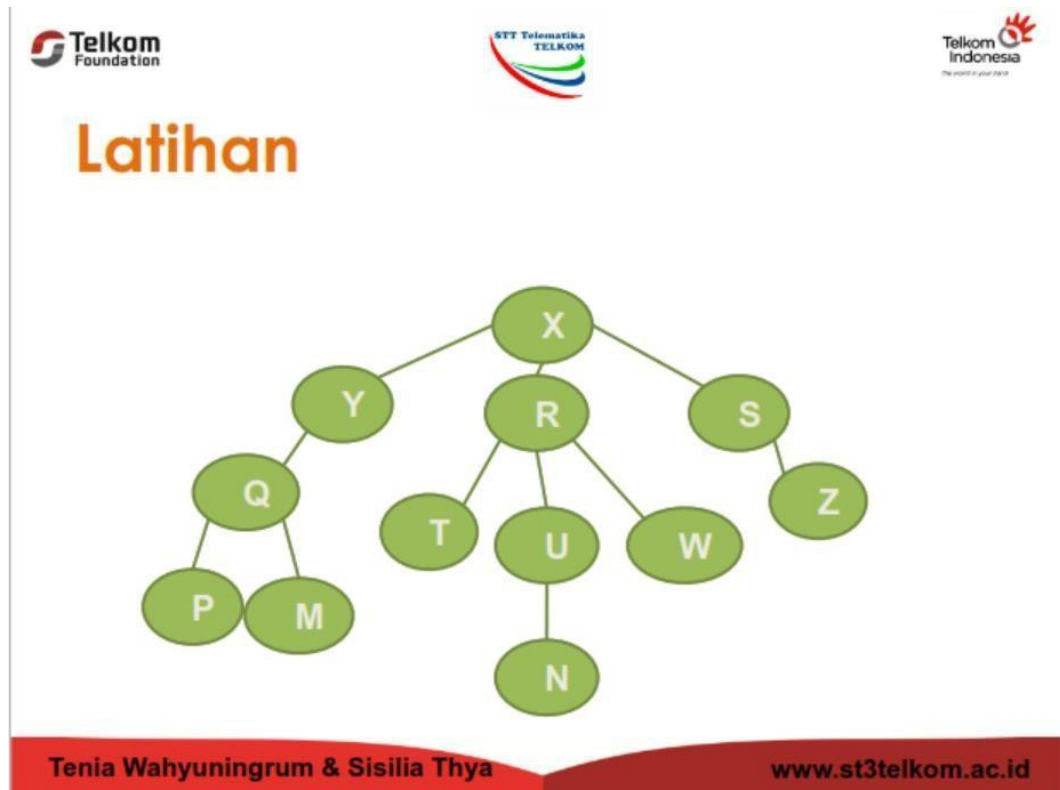


Nama : Muhamad Saiful A

Kelas : D4 MI 2019A

NIM : 19051397009



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

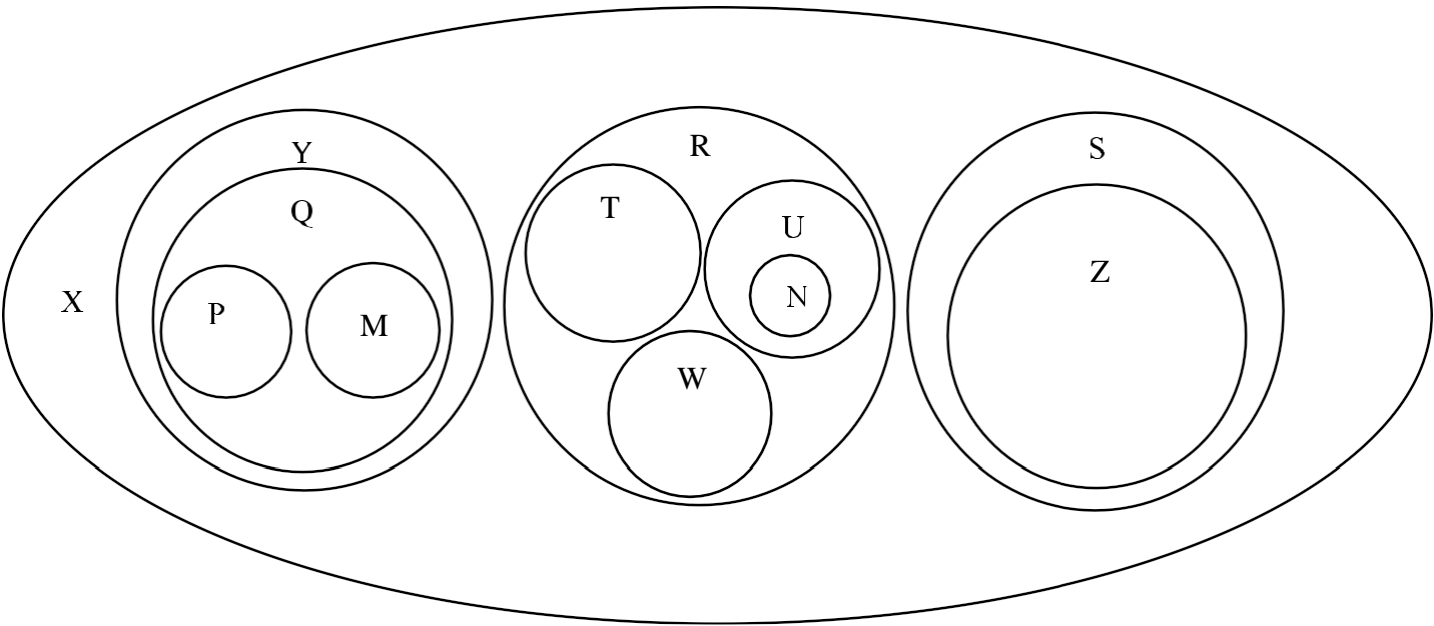
Notasi Kurung

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

Notasi Tingkat

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

Diagram Venn

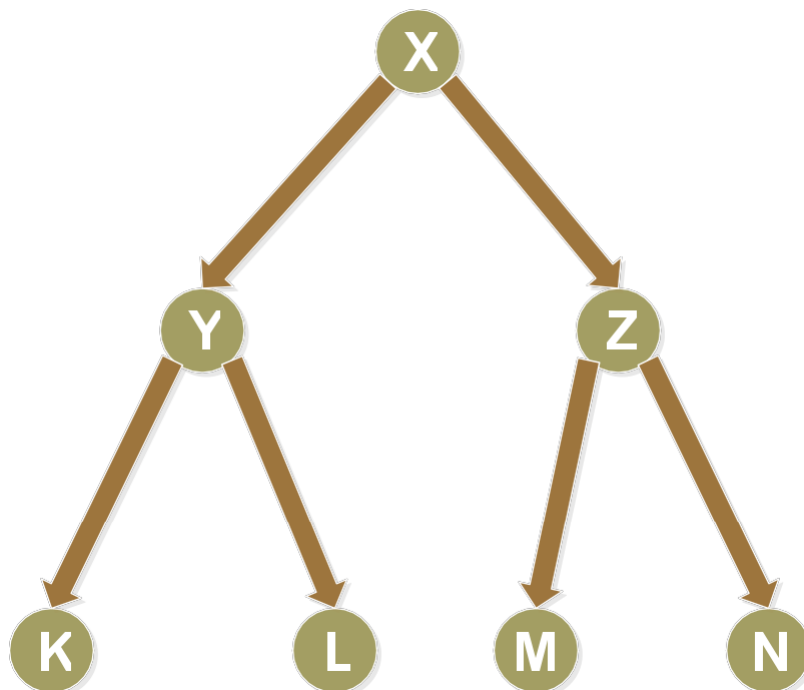


Latihan

- 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

Pohon Biner



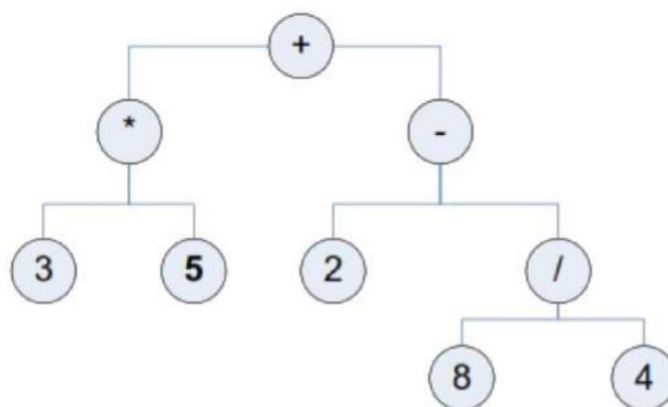
Latihan

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

Tenia Wahyuningrum & Sisilia Thya

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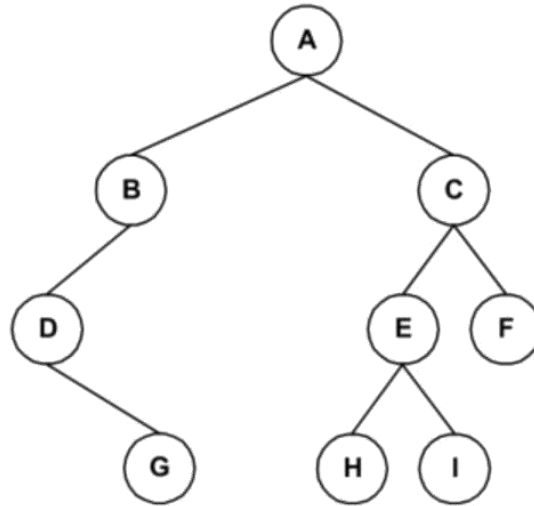
Lotihon 1



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Latihan 2



Latihan 1

- Preorder Traversal = + * 3 5 - 2 / 8 4
- Inorder Traversal = 3 * 5 + 2 - 8 / 4
- Postorder Traversal = 3 5 * 2 8 4 / - +

Latihan 2

- Preorder Traversal = A B D G C E H I F
- Inorder Traversal = G D B A H I E C F
- Postorder Traversal = G D B H I E F C A