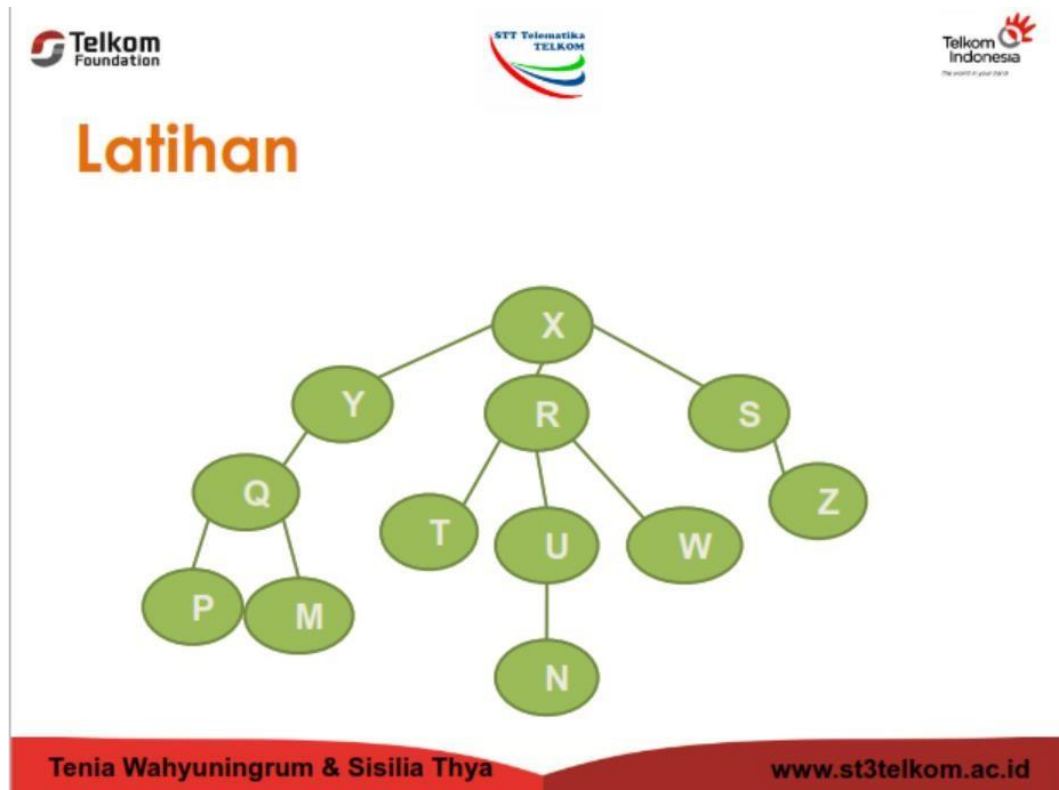**Nama : M. RIZAL BAYHAQI .P**

Kelas : D4 MI 2019A

NIM   : 19051397023

- 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
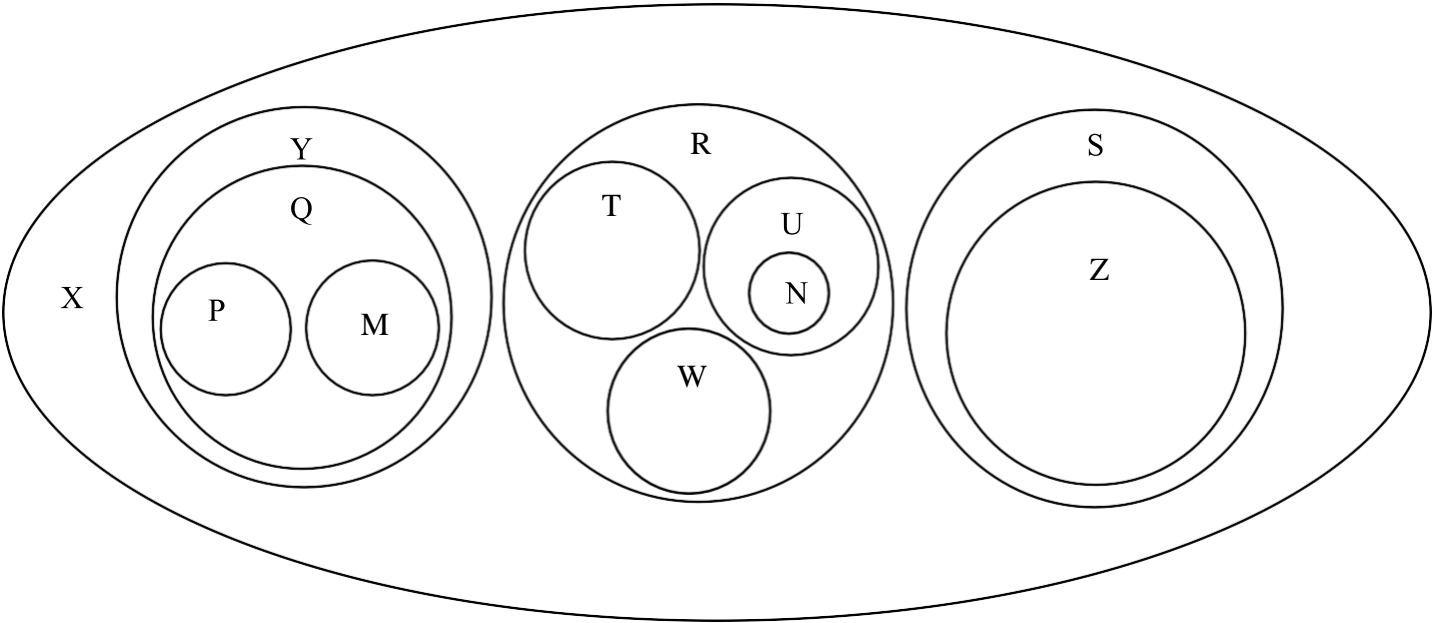- Root = X
- Leaf = P, M, T, N, W, Z
- Degree (R) = 4

Notasi Kurung

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

Notasi Tingkat

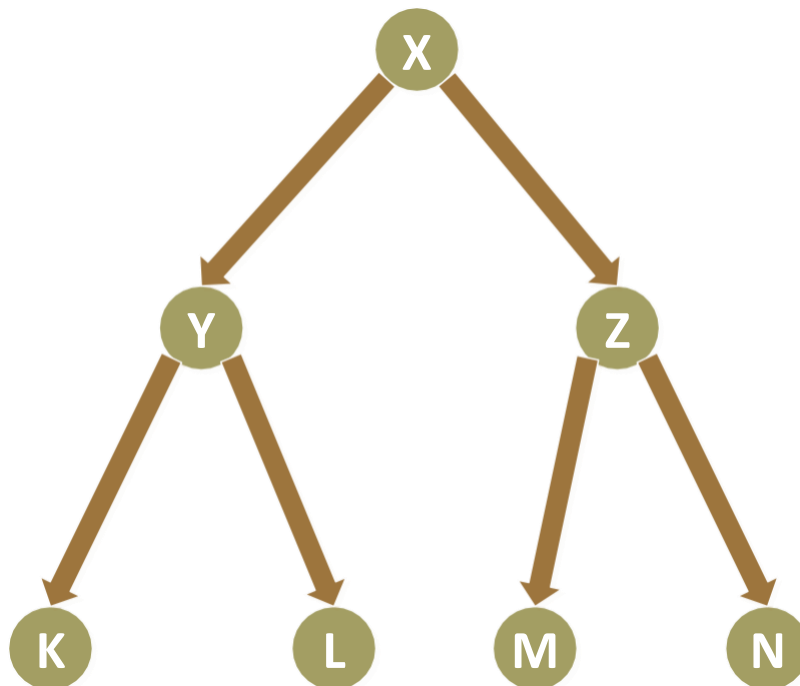| X	Y	Q	P
			M
	R		
		T	
		U	N
		W	
	S		
		Z	

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
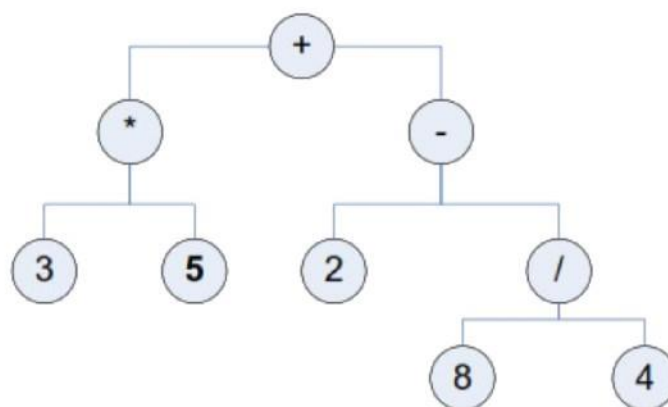 - Root = X
  - Leaf = K, L, M, N

Pohon Biner

Latihan

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

Lotihon 1
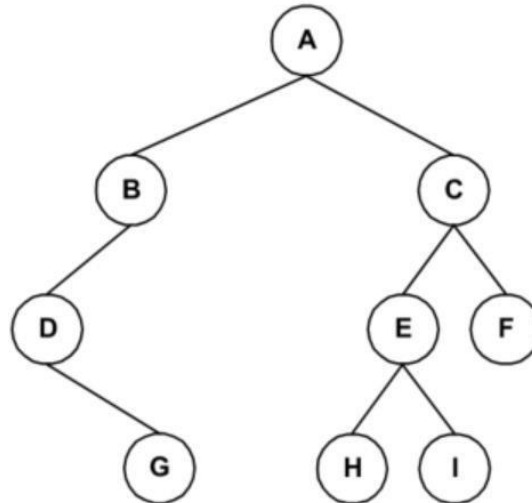
Latihan 1

- 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