

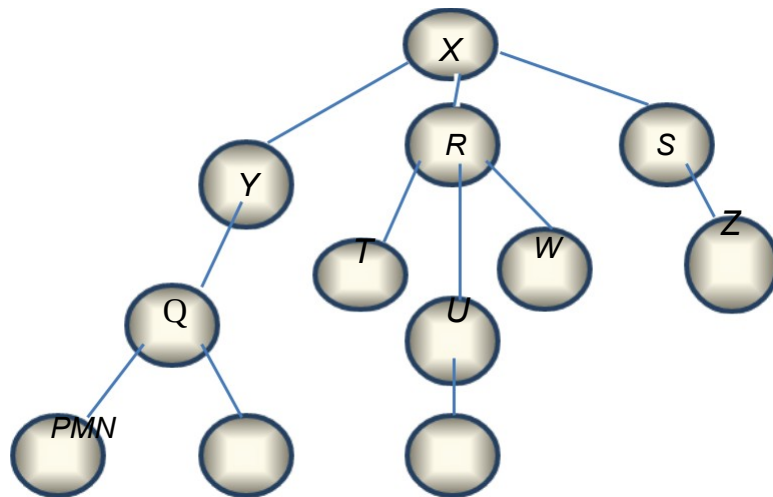
NAMA :ALVIRA RHIZA RIDWANI

NIM :19051397007

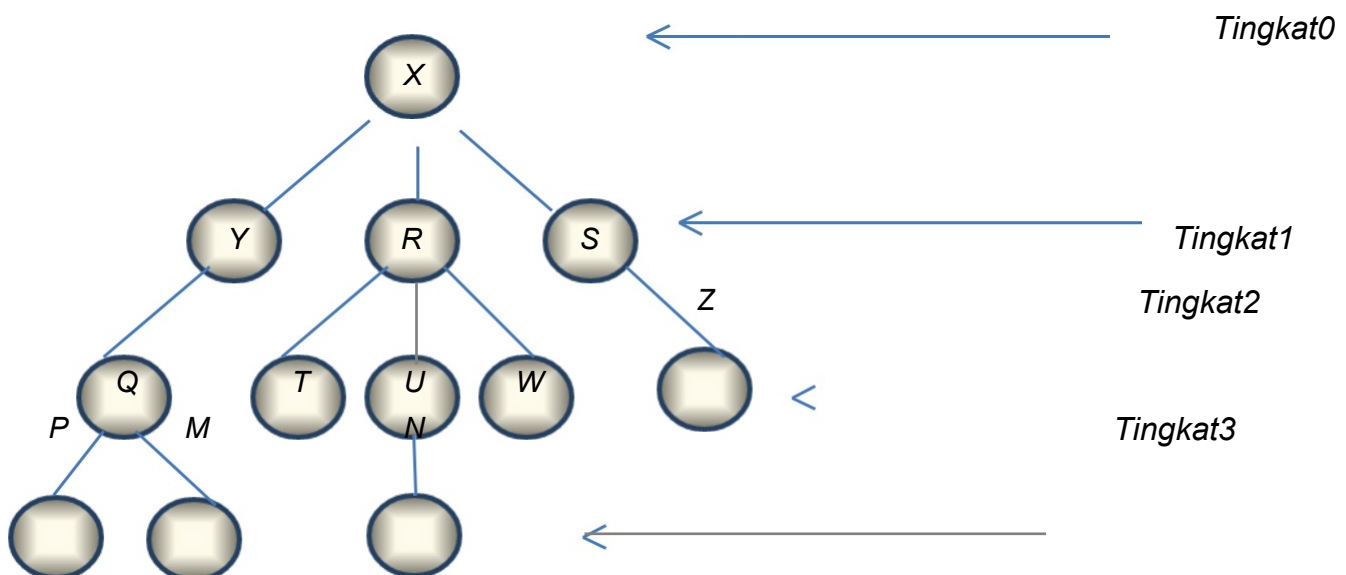
KELAS :D4MANAJEMENINFORMATIKA2019A

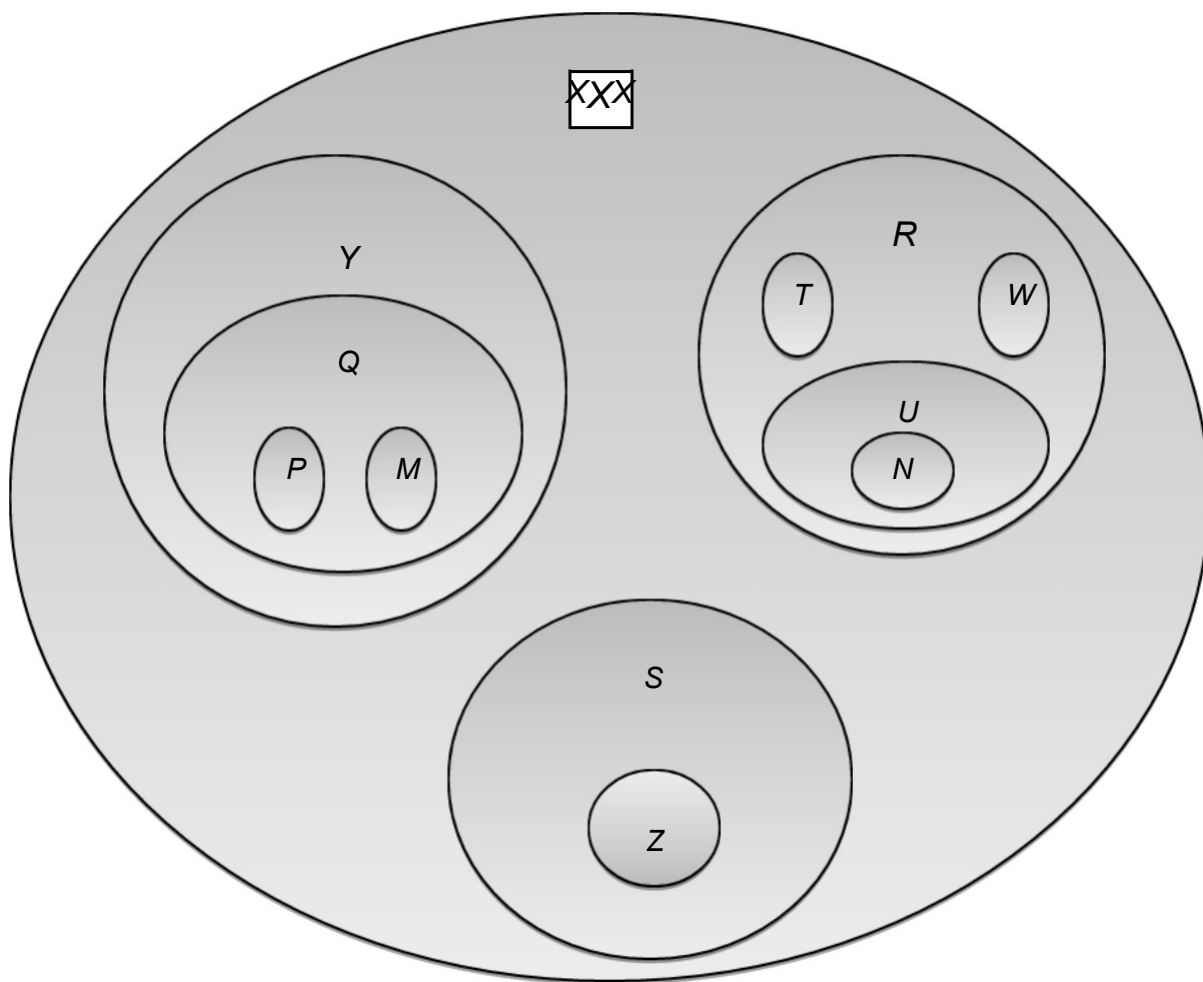
BAB10TREEANDBINARYTREE

1. Buat diagram venn, notasi kurung dan notasi tingkat!



A. Diagram Venn





B. Notasi Tingkat

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

C. Notasi Kurung

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

IDENTIFIKASI!

■ $Ancestor(N)=U,R,X$

■ $Descendant(Y)=Q$

■ $Parent(Z)=S$

■ $Child(Q)=P,M$

■ $Sibling(U)=T,W$

■ $Size=12$

■ $Height=4$

■ $Root=X$

■ $Leaf=P,M,N,Z$

■ $Degree(R)=3$

2. Gambarkan pohon biner dengankententuan sbb:

☂ $Ancestor(M)=Z,X$

☂ $Descendant(Y)=K,L$

☂ $Parent(N)=Z$

☂ $Child(Z)=M,N$

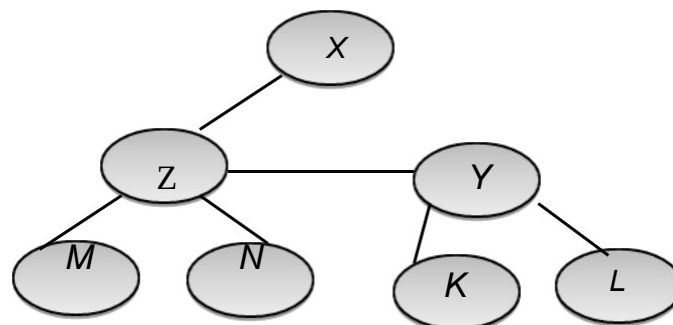
☂ $Sibling(Y)=Z$

☂ $Size=7$

☂ $Height=3$

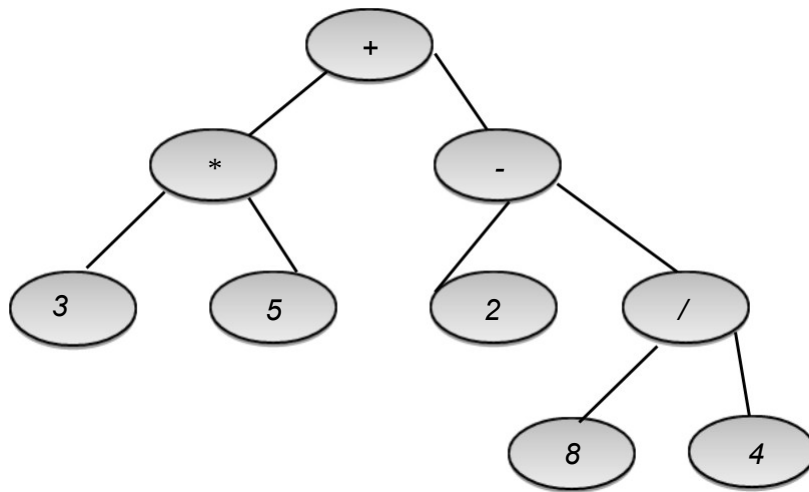
☂ $Root=X$

☂ $Leaf=K,L,M,N$



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

a. Latihan 1

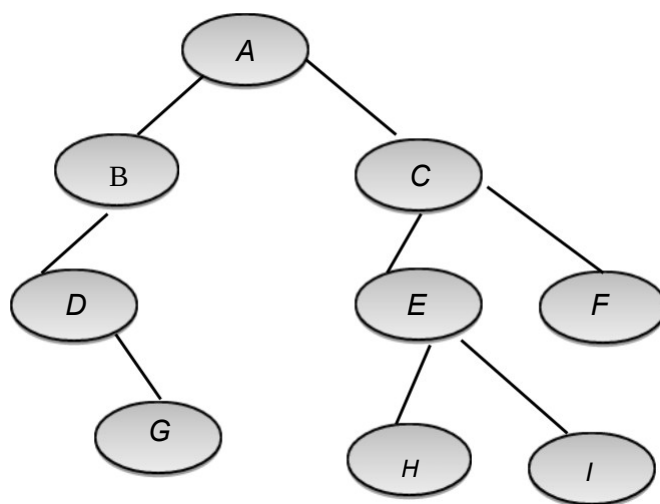


Metodepre: 3*5+-2/84

Metodein: 3*5+284/-

Metodepost: 35*842/-+

b. Latihan 2



Metodepre: GDBACEHIFF

Metodein:DAGBEHIFC

Motedepost:GDBHIEFCA