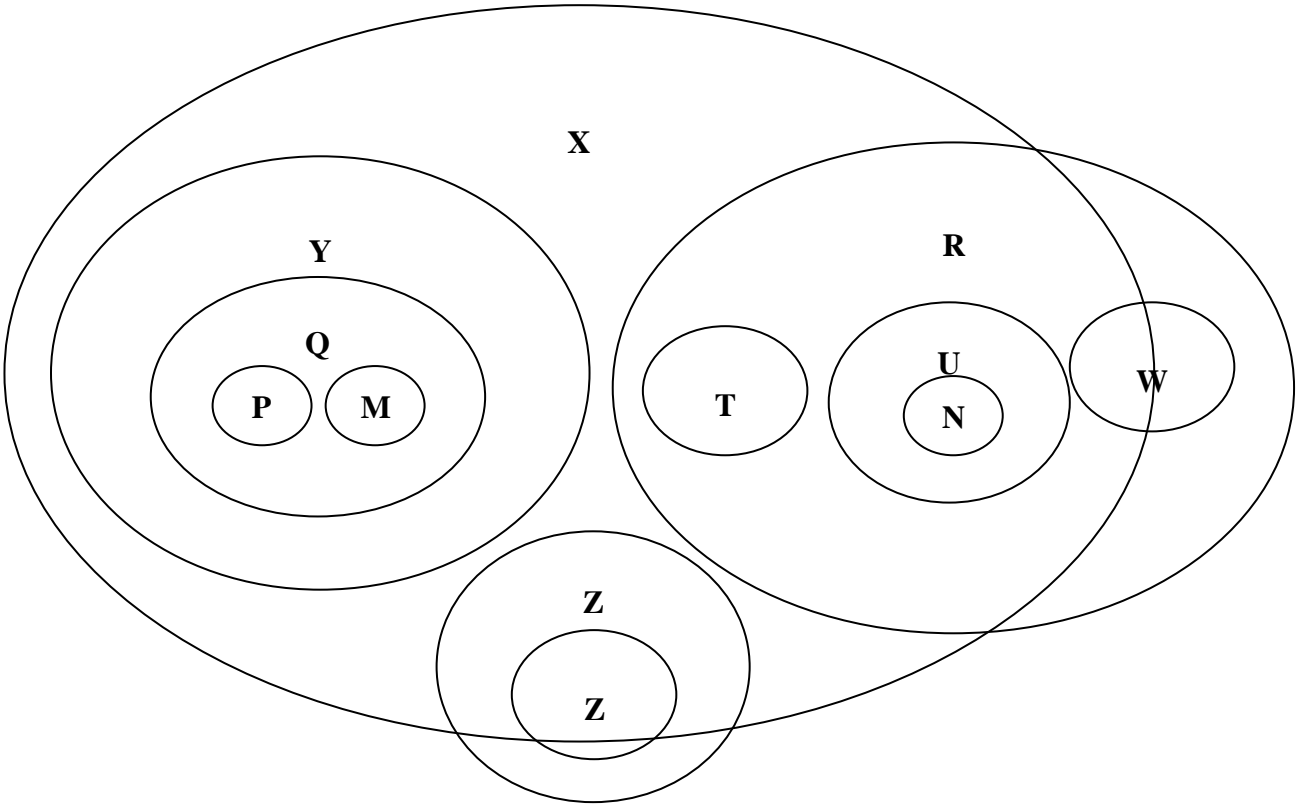
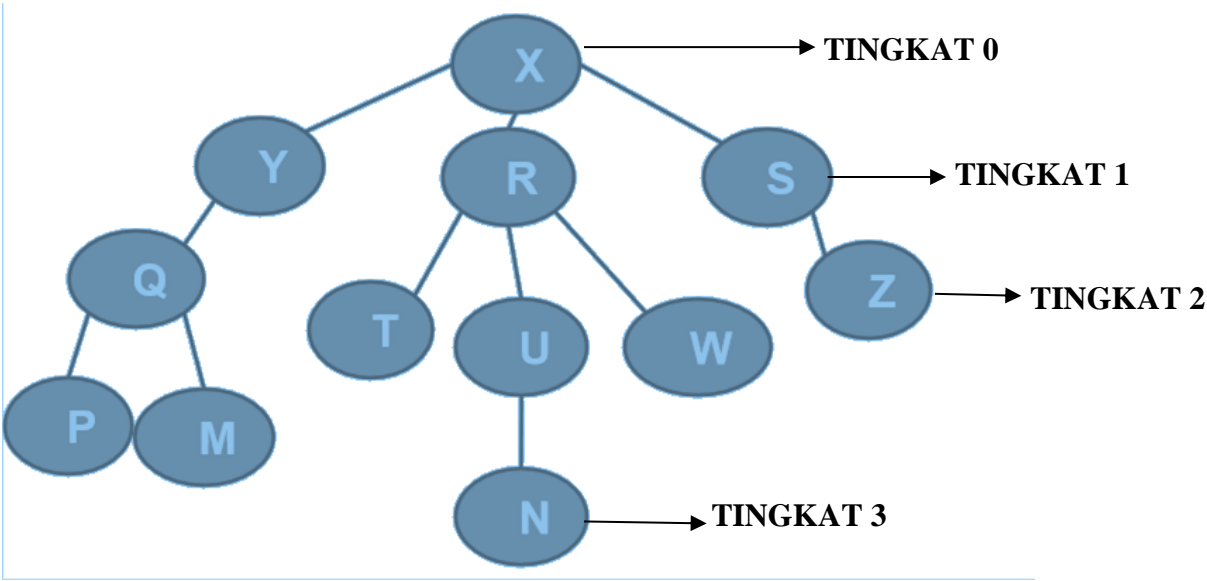


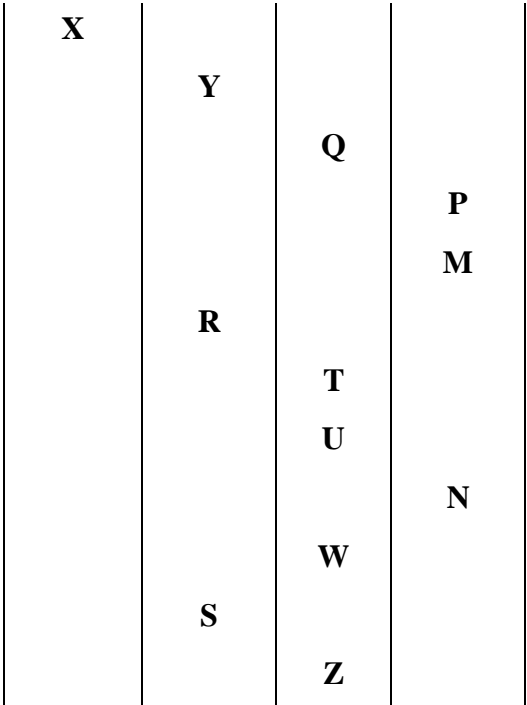
NAMA : AMALIA FANDANING TYAS  
NIM : 19051397012  
PRODI : D4 MANAJEMEN INFORMATIKA

JAWABAN

A. DIAGRAM VENN



B. NOTASI TINGKAT



C. NOTASI KURUNG

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

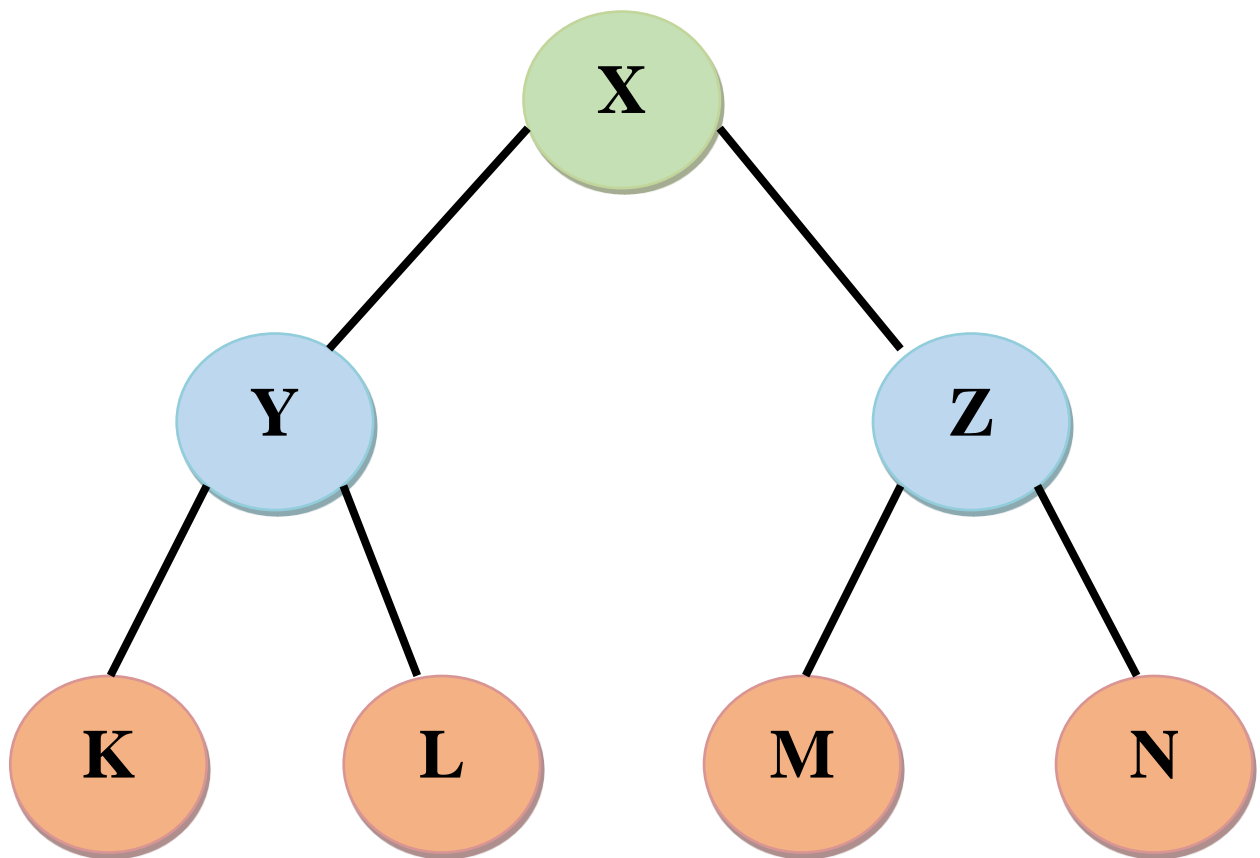
D. IDENTIFIKASIKAN

- a) Ancestor (N) = U, R, X
- b) Descendant (Y) = Q
- c) Parent (Z) = S
- d) Child (Q) = Y, M
- e) Sibling (U) = T, W
- f) Size = 12
- g) Height = 4
- h) Root = X
- i) Leaf = P, M, T, N, W, Z
- j) Degree (R) = 3

## BINNARY TREE

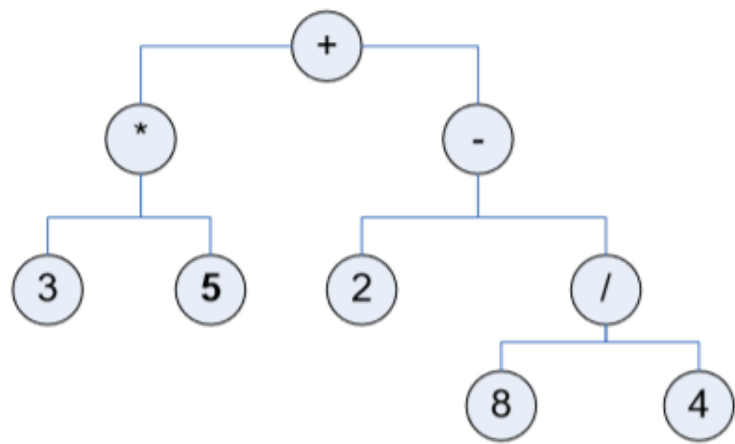
- Gambarkan pohon biner dengan ketentuan sbb :

- 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



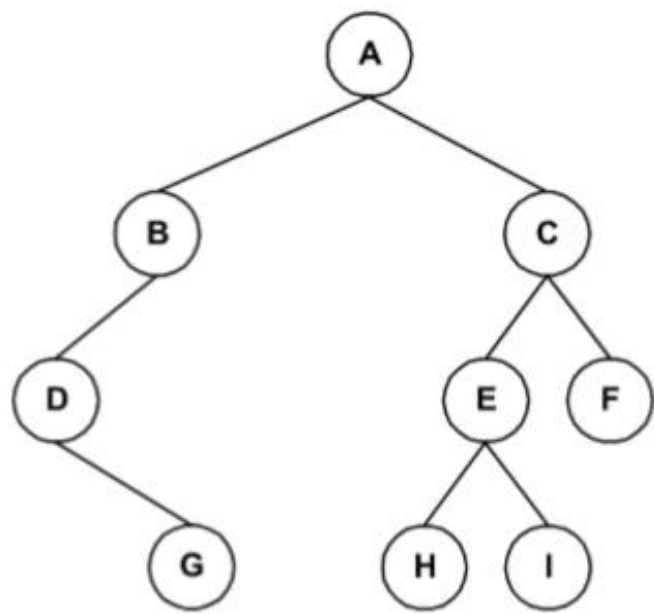
**PENELUSURAN POHON BINER**

**LATIHAN 1**



- a) PreOrder : + \* 3 5 - 2 / 8 4
- b) InOrder : 3 \* 5 + 2 - 8 / 4
- c) PostOrder : 3 5 \* 2 8 4 / - +

**LATIHAN 2**



- a) PreOrder : A B D G C E H I F
- b) InOrder : D B G A H E I C F
- c) PostOrder : G D B H I E F C A