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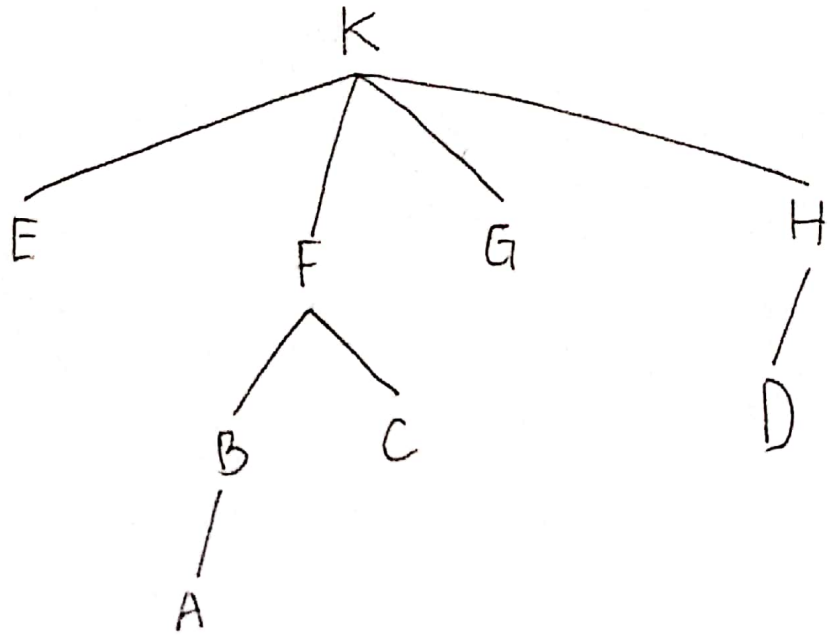
201524013
1A - 09 Teknik Informatika



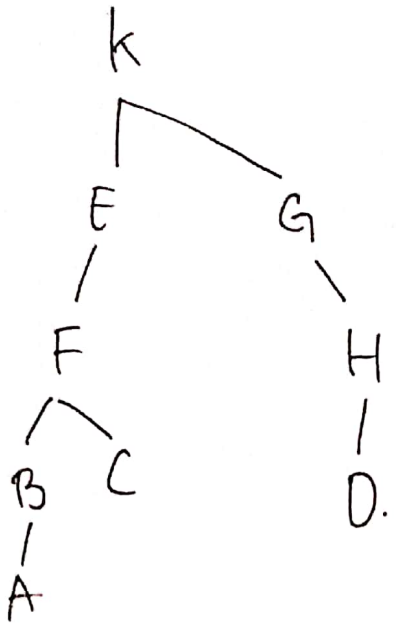
1. Degree (k) : 4 (banyak anak dari Node k)
2. Depth (c) : 2 (Level dari Node c)
3. Order (F) : 2.
4. Width (k) : 1
5. Height (k) : 3
6. Traversal post order : E, A, B, C, F, G, D, H, K

   ~~Traversal Inorder~> =~~

   Traversal Level Order : K, E, F, G, H, B, C, D, A.
7. Struktur Data dalam Bahasa C :

```
typedef struct char Infotype;      // jika data dalam node
typedef struct elmt *address;         hanya berupa char
typedef struct elmt {
    Infotype data;
    address parent;
    address NextSibling;
    address child;
} elemen;
typedef struct {
    address Root
} Tree;
```

9. Transformasi non-binary ke binary tree



8. Algoritma Tranversal Inorder dalam Bahasa C

```
void PrintInOrder(address Root){
    if (ROot != NULL){
        ~~printf(" %c ", Root -> data.huruf);~~
        ~~Printf(" %c ", Ro~~
        ~~Print~~
        PrintInOrder(ROot -> Child);
        Printf(" %c", Root -> data.huruf);
        PrintInOrder(ROot -> NextSibling);
    }
}
```

// Menggunakan Algoritma Rekursif