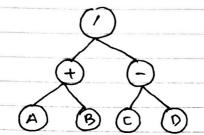
Nama: Teguh Agung Prabowo.

NIM: SIZIZIZ3007 Markul: Struktur Data.

Jurusan: Sistem Suformasi.

2. Quatlah expression tree untuk antmatika berikut. (A+B)/(C-D)

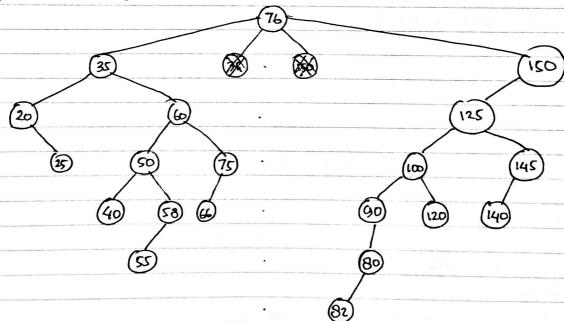


a. Pre Order

b. In Order

c. PostOrder

4. Buarla B-Tree.



```
1. Buarlah program ett untuk mengimplementasikan Queue.
  * Include lioseteam)
  * define MAX 20
   using namerpace std;
  Struce Queue &
     ine front, rear, data [max];
   bool is full () &
     return q rear == MAX;
  bool is Empty () {
    return q rear == 0;
  3
   void print Queue () }
      if ( is Empty ()) {
         cout ex "Antrian Korong ex endl;
      3 else {
          cout LL " Queue :
          for (int i = Q. front; i & Q. rear; itt) (
              sout & Q. data[i] ((1)Q. rear -1 == i) ? "" : ",");
          3 vout k endl;
          3/
   4
 void enqueue () {
     if (isfull()) {
         cout 4 "Intrian penuh" 4 endl;
     4 ulsa {
        int data;
        cout "Marukkan Data: "; cin >> data;
        Q.data [Q.rear] = data.
        Q. rear ++ ;
        cout & "Data ditampahkan In";
        print Queue ();
    3.
```

(SIDU)

```
Yord dequeue () {
    if (is Empty ()) {
        cout u "Antrian masih kosong" u endi;
    y when &
        cout « "Mengambil data \ "" « Q. data [ q front] « "\" ... " « und ;
         for (ine i = Q.frone; i < Q.rear; i++) {
             Q.dara[i] = Q.darati+1];
          Q. rear -- ;
         print Queue ();
int main () {
   int choose;
   do f
       tout 11 " -----
             k " Menu Pilihan
              11 " ---- \n"
              K "[i] Enqueue
              14 4 [2] Deque uc
                               \n"
              u " [3] Keluar
              4 " Masukkan pilihan: "; cin >> choose;
       switch (choose) {
          case 1:
             enqueue();
             break;
         case 2:
              dequeue;
              break i
          case 3:
              return 0;
              break;
          default:
              cout a "pilihan tidak terredia";
              break.
    y while (choose != 3)
      return 0;
      (Siou)
```