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\\ main.cpp [TP3] - Code::Blocks 17.12
File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help
source_1301194054.cpp
          using namespace std;
-/* Nama: Fahmi Razan Ramdani
          void buatList(List &L) {
                 first(L) = NULL;
                 last(L) = NULL;
          bool listKosong(List L) {
                bool found;
                 if(first(L) == NULL && last(L) == NULL) {
                     found = true;
                     return found;
                     return found;
          address cariElemen(List L, string x) {
                address P;
                 bool found;
                 P = first(L);
                 while (info(P).penerbit != x \&\& !found \&\& P != last(L)) {
                     P = next(P);
                     if(info(P).penerbit == x){
                         found = true;
                 if(info(P).penerbit == x){
                     found = true;
                     return P;
          void buatElemen(address &P, string ID, string judul, string pengarang, string pener
                P = new elmlist;
                info(P).ID = ID;
                info(P).judul = judul;
                info(P).pengarang = pengarang;
                info(P).penerbit = penerbit;
                info(P).tahun = tahun;
          void tambahDataTerakhir(List &L, address P){
                address Q;
                 if(first(L) == NULL && last(L) == NULL) {
                     last(L) = P;
                     Q = last(L);
                     next(Q) = P;
                     last(L) = P;
          void lihatList(List L) {
                address P = first(L);
                 while(P != NULL) {
                     \verb|cout|<< \verb|info(P).ID|<< " "<< \verb|info(P).judul<< " "<< \verb|info(P).pengarang<< " "," | |
                     P = next(P);
          void tambahDataSetelah(List &L, address Prec, address P) =
                 next(P) = next(Prec);
                next(Prec) = P;
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source_1301194054.cpp
                 info(P).ID = ID;
                info(P).judul = judul;
                info(P).pengarang = pengarang;
                info(P).penerbit = penerbit;
                 info(P).tahun = tahun;
          void tambahDataTerakhir(List &L, address P){
                address Q;
                 if(first(L) == NULL && last(L) == NULL) {
                     first(L) = P;
                     last(L) = P;
                     Q = last(L);
                     next(Q) = P;
                     last(L) = P;
          void lihatList(List L) {
                address P = first(L);
while(P != NULL){
                     cout<<info(P).ID<<" "<<info(P).judul<<" "<<info(P).pengarang<<"\n";</pre>
                     P = next(P);
          void tambahDataSetelah(List &L, address Prec, address P){
                next(P) = next(Prec);
                 next(Prec) = P;
          void hapusDataTerakhir(List &L, address &P) {
                address Q;
                 if(last(L) != NULL) {
                     if(first(L) == last(L)){
                         Q = first(L);
                         while(next(Q) != last(L)){
                             Q = next(Q);
                         P = last(L);
                         last(L) = Q;
                         delete P;
          int jumBuku(List L, int x) [
                 address P;
                 int jumlah;
                 jumlah = 0;
                 while(P != last(L)) {
                     if(info(P).tahun < x){
                         jumlah++;
                         p = next(P);
                 if(info(P).tahun < x){
                         jumlah++;
                 return jumlah;
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header_1301194054.h
                            X main.cpp X source_1301194054.cpp
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                  Nama: Fahmi Razan Ramdani
NIM: 1301194054 */
               int main()
             ⊒ {
                    List L;
                    infotype a;
                   int i, data, z, sama, tahun, cari;;
address ad, adbaru;
                    buatList(L);
                    cin>>data;
                    buatList(L);
                    while (i<data) {
                         cin>>a.judul;
                         cin>>a.pengarang;
                         cin>>a.penerbit;
                         cin>>a.tahun;
                         \label{eq:buatElemen} \begin{subabular}{ll} buatElemen(ad, a.ID, a.judul, a.pengarang, a.penerbit, a.tahun); \\ tambahDataTerakhir(L, ad); \end{subabular}
                         i++;
                    lihatList(L);
                    string tanya;
                    cin>>tanya;
                    if(tanya == "yes" || tanya == "Yes") {
    cout<<"Masukkan penerbit buku untuk insert after: ";</pre>
                         cin>>a.penerbit;
                         ad = cariElemen(L, a.penerbit);
if(a.penerbit != "") {
   cout<<"Detail buku: "<<endl;
   cout<<"ID: ";</pre>
                              cin>>a.judul;
                              cin>>a.pengarang;
                              cin>>a.penerbit;
                              cin>>a.tahun;
                              buatElemen(adbaru, a.ID, a.judul, a.pengarang, a.penerbit, a.tahun);
                              tambahDataSetelah(L,ad,adbaru);
                    lihatList(L);
                    hapusDataTerakhir(L,ad);
                    lihatList(L);
                    cin>>tahun;
                    sama = 0;
                    cari = 0;
                    while(i<tahun){
                         cin>>cari;
                         sama = jumBuku(L, cari);
                         cout<<sama;
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