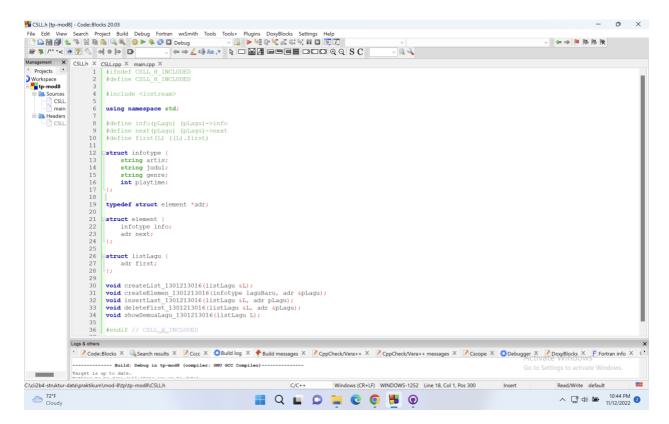
Nama: Fawaz Al Rasyid NIM: 1301213016

## CSLL.h



## CSLL.cpp

```
- o ×
CSLL.cpp [tp-mod8] - Code::Blocks 20.03
  The Edit View Search Project Build Debug Fortran wxSmith Tools Tools* Plugins DoxyBlocks Settings Help

| Part | 
Management X CSLLh X CSLLcpp X main.cpp X

1 #include "CSLL.h"
                                                       1 #include
                                               2
3 | Evoid createList_1301213016(listLagu &L) {
4 | first(L) = NULL;
5 | }
6
7 | Evoid createElemen_1301213016(infotype laguBaru, adr &pLagu) {
9 | pLagu = new element;
    info(pLagu) = laguBaru;
    next(pLagu) = NULL;
11 | }
                                                 9 10 |
                                                   12
                                                                  void insertLast_1301213016(listLagu &L, adr pLagu) {
                                                                          if (first(L) == NULL) {
   first(L) = pLagu;
   next(pLagu) = pLagu;
                                                    14
                                                    15
                                                                        next(pro)
} else {
   adr last = first(L);
   while (next(last) != first(L)) {
      last = next(last);
}
                                                    17
                                                   18
19
                                                               next(last) != fi
last = next(last);
}
next(pLagu) = first(L);
next(last) = pLagu;
}
                                                    20
                                                     21
                                                    22
                                                    23
                                                    25
                                                    26
27
                                                                 void deleteFirst_1301213016(listLagu &L, adr &pLagu) {
    if (first(L) == NULL) {
        cout << "List Kosong" << endl;
    } else {|</pre>
                                                    28
                                                    30
                                   Logs & others
                                      * PCode:Blocks X @ Search results X PCocc X Debugger X PDoxyBlocks X PF Fortran info X 1
                                       ----- Build: Debug in tp-mod8 (compiler: GNU GCC Compiler)-----
                                                                                                                                                                                                      C/C++ Windows (CR+LF) WINDOWS-1252 Line 30, Col 13, Pos 715 Insert Read/Write default
C:\cii2b4-struktur-data\praktikum\mod-8\tp\tp-mod8\CSLLcpp
                                                                                                                                                                                                                                                                                                                                                                                                   ^ ☐ ♠ 10:44 PM 11/12/2022 2
     _____ 72°F
                                                                                                                                                                  🚆 Q 📦 👂 🤚 💿
CSLL.cpp [tp-mod8] - Code::Blocks 20.03
                                                                                                                                                                                                                                                                                                                                                                                                                                     - o ×
File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

The Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

The Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

The Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

The Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

The Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

The Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

The Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

The Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

The Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

The Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

The Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

The Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

The Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

The Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

The Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

The Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

The Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

The Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

The Edit View Search Project Build Debug Fortran wxSmith Tools+ Plugi
                                                                                                                                                                                                                                                                    ∨ deleteFirst_1301213016(listLagu& L, adr& pLagu) : void ∨ 🖟 🖙 🎁 陆 陆
       Projects
                                                    25
  Workspace
                                                                cvoid deleteFirst_1301213016(listLagu &L, adr &pLagu) {
    if (first(L) == NULL) {
        cout << "List Kosong" << endl;</pre>
                                                   27
         Sources CSLL.
                                                   29
                                                                        adr last = first(L);
adr last = first(L);
while (next(last) != first(L)){
    last = next(last);
      ■ ► Headers
                                                   30
                                                    32
                                                    33
                                                   34
35
                                                                                         pLagu = first(L);
first(L) = next(first(L));
next(last) = first(L);
next(pLagu) = NULL;
                                                     36
                                                     37
                                                                (t<sub>)</sub>
                                                    38
                                                    40
                                                     41
                                                                  void showSemuaLagu_1301213016(listLagu L) (
                                                     43
                                                                           if (first(L) == NULL) {
   cout << "List Kosong" << endl;</pre>
                                                    44
45
                                                                             } else {
                                                                                    adr pLagu = first(L);
int i = 1;
                                                     46
                                                    48
                                                    49
50
                                                                                                               cout << i << ". " << info(pLagu).artis << " " << info(pLagu).judul << " " << info(pLagu).genre <<
                                                     51
                                                                                                               pLagu = next(pLagu);
                                                     53
                                                     54
                                        Code:Blocks X Q Search results X  Cccc X  Build log X  Build messages X  CppCheck/Vera++ X  CppCheck/Vera++ messages X  Cscope X  Debugger X  DowyBlocks X  F Fortran Info X  C
                                                                                                                                                                                                      C/C++ Windows (CR+LF) WINDOWS-1252 Line 30, Col 13, Pos 715 Insert Read/Write default
C:\cii2b4-struktur-data\praktikum\mod-8\tp\tp-mod8\CSLL.cpp
                                                                                                                                                                                                                                                                                                                                                                                                    ^ ☐ Ф = 10:45 PM 2

→ 72°F
Cloudy

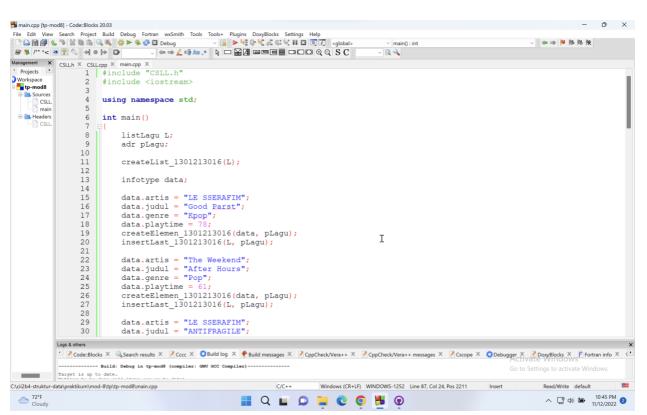
                                                                                                                                                                      🔡 Q 📦 👂 📜 🕲 🌖 👭 🔞
```

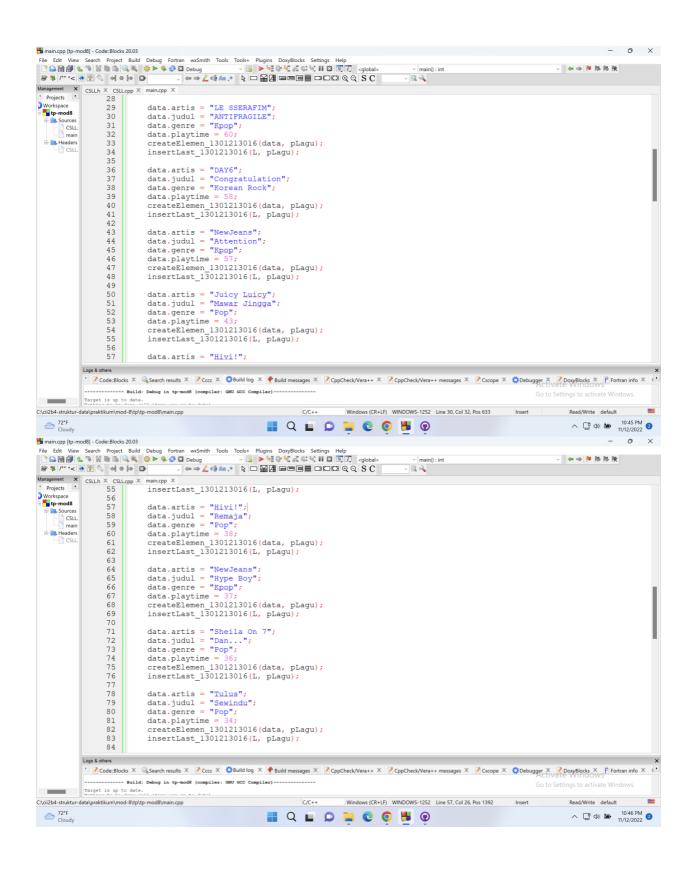
```
CSLL.cpp [tp-mod8] - Code::Blocks 20.03
showSemuaLagu_1301213016(listLagu L) : void
Management × CSLLh × CSLLcpp × main.cpp ×
                               adr last = first(L);
while (next(last) != first(L)){
  Projects
                  31
Workspace
                               last = next(last);
                 33
                 34
35
    CSLL.
                              pLagu = first(L);
first(L) = next(first(L));
next(last) = first(L);
next(pLagu) = NULL;
 Headers
                36
37
                     [<sub>3</sub> }
                 38
                 39
                 41
                 42
43
                      void showSemuaLagu_1301213016(listLagu L) {
                           if (first(L) == NULL) {
    cout << "List Kosong" << endl;</pre>
                 44
                  46
                                adr pLagu = first(L);
                                int i =
                  49
                  50
51
                                    cout << i << ". " << info(pLagu).artis << " " << info(pLagu).judul << " " << info(pLagu).genre <<</pre>
                 52
                                     pLagu = next(pLagu);
                  54
                 55
56
57
                              } while (pLagu != first(L));
                          cout << endl;
}</pre>
                  59
                  60
             Code:Blocks X 🔍 Search results X 📝 Cocc X 🕸 Build log X 👚 Build messages X 📝 CppCheck/Vera++ X 📝 CppCheck/Vera++ messages X 📝 Cscope X 🔯 Debugger X 📝 DoxyBlocks X X 🗜 Fortran info X
                    ---- Build: Debug in tp-mod8 (compiler: GNU GCC Compiler)-
                                                                         Windows (CR+LF) WINDOWS-1252 Line 53, Col 17, Pos 1362 Insert
                                                                                                                                        Read/Write default
C:\cii2b4-struktur-data\praktikum\mod-8\tp\tp-mod8\CSLLcpp

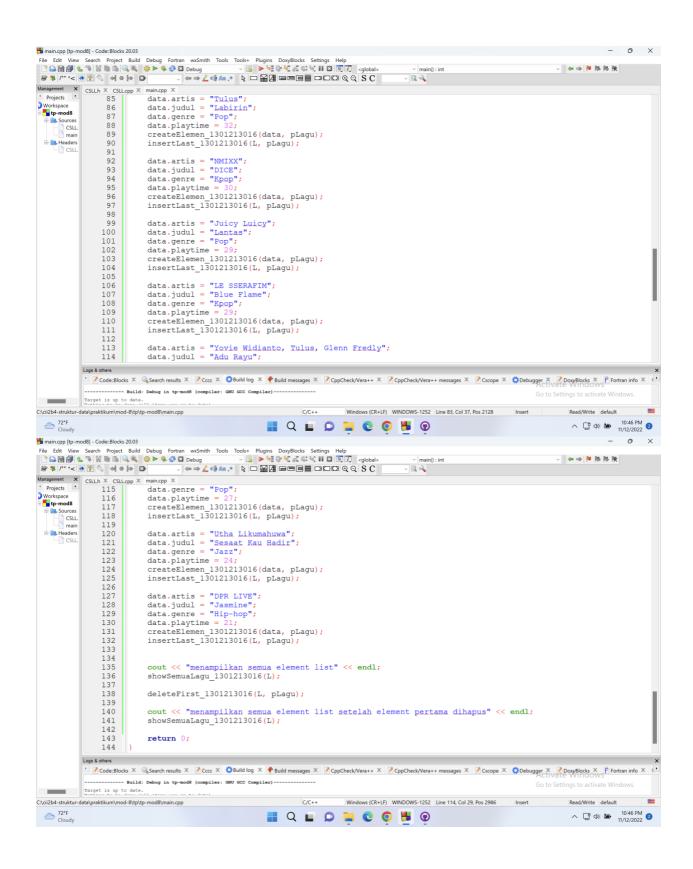
→ 72°F
Cloudy

                                             🔡 Q 🗳 👂 📜 🥲 🏺 🚱
                                                                                                                                    ^ ☐ Ф 10:45 PM 0
```

## Main.cpp







## Output

