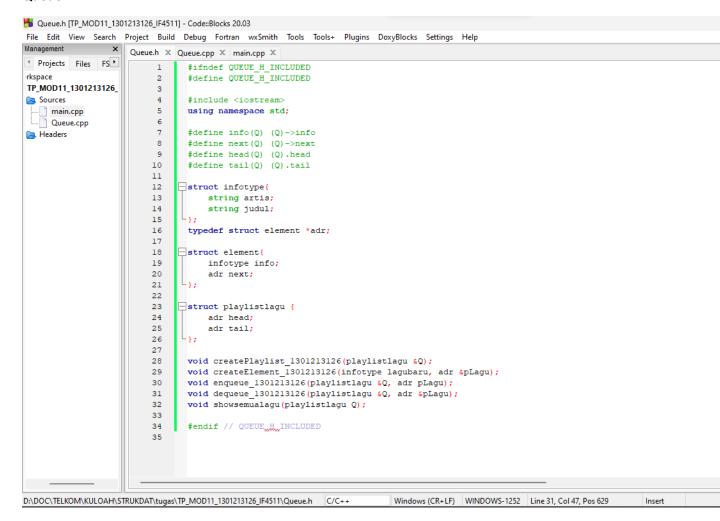
Fadhil Muhamad Pratama 1301213126

IF4511

Queue.h



Queue.cpp

```
Queue.cpp [TP_MOD11_1301213126_IF4511] - Code::Blocks 20.03
 File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help
Management X Queue.h X Queue.cpp X main.cpp X

    Projects Files FS
    Projects Files FI
    Projects FI
    Pr
                                                           1
                                                                      #include "Queue.h"
                                                                     void createPlaylist_1301213126(playlistlagu 6Q) {
   head(Q) = NULL;
   tail(Q) = NULL;
}
  TP_MOD11_1301213126_
  Sources
   main.cpp
Queue.cpp
  Headers
                                                                      void createElement_1301213126(infotype lagubaru, adr &pLagu){
   pLagu = new element;
   info(pLagu) = lagubaru;
                                                                            pLagu = new element;
info(pLagu) = lagubaru;
next(pLagu) = NULL;
                                                           11
                                                           12
                                                           13
                                                                      lyoid enqueue_1301213126(playlistlagu &Q, adr pLagu){
    if(head(Q) == NULL){
        head(Q) = pLagu;
}
                                                           14
                                                           15
                                                           16
                                                           17
                                                                                               tail(Q) = pLagu;
                                                           18
                                                                                     lelse(
                                                                                            next(tail(Q)) = pLagu;
                                                           20
                                                                                              tail(Q) = pLagu;
                                                           21
                                                                      L,
                                                           22
                                                           23

□️void dequeue_1301213126(playlistlagu ১০, adr ১pLagu){

                                                                                  if(tail(Q) == NULL) return;
if(tail(Q) == head(Q)){
                                                           25
                                                           26
                                                           27
28
                                                                                              head(Q) = NULL;
                                                                                              tail(Q) = NULL;
                                                           29
                                                                                          adr P = head(Q);
head(Q) = next(P);
next(P) = NULL;
                                                           30
                                                           32
                                                           33
                                                           34
                                                           35
                                                            36
                                                                       void showsemualagu(playlistlagu Q){
                                                                               adr a = head(Q);
                                                           37
Windows (CR+LF) WINDOWS-1252 Line 15, Col 17, Pos 337
                                                                                                                                                                                                                                                                                                                                    Read/Write default
                                                                                                                                                                                                                                                                                             Insert
Queue.cpp [TP_MOD11_1301213126_IF4511] - Code::Blocks 20.03
File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

Management X
Queue.h x Queue.cpp x main.cpp x
 Projects Files FS
  rkspace
                                                                   void createElement_1301213126(infotype lagubaru, adr &pLagu){
  TP_MOD11_1301213126_
                                                                 pLagu = new element;
info(pLagu) = lagubaru;
next(pLagu) = NULL;
 Sources
main.cpp
Queue.cpp
                                                      10
                                                       12
                                                       13
 Headers
                                                                  □void enqueue_1301213126(playlistlagu &Q, adr pLagu){
□ if(head(Q) + NULL){
                                                       14
                                                                         if(head(Q) + NULL){
  head(Q) = pLagu;
  tail(Q) = pLagu;
                                                       15
                                                       17
                                                        18
                                                       19
                                                                                      next(tail(Q)) = pLagu;
                                                       20
21
                                                                                        tail(Q) = pLagu;
                                                       22
                                                                   void dequeue 1301213126(playlistlagu &Q, adr &pLagu){
                                                       24
                                                       25
26
                                                                                if(tail(Q) == NULL) return;
if(tail(Q) == head(Q)){
                                                       27
28
                                                                                        head(Q) = NULL;
                                                                                         tail(Q) = NULL;
                                                       29
                                                                               }else{
                                                                                         adr P = head(Q);
                                                                                        head(Q) = next(P);
next(P) = NULL;
                                                        31
                                                        32
33
                                                       34
35
                                                       36
                                                                    void showsemualagu(playlistlagu Q){
                                                                               37
38
                                                       39
                                                        41
                                                        42
                                                                                 cout<<endl;
                                                        43
                                                        44
D\DOC\TELKOM\KULOAH\STRUKDAT\tugas\TP_MOD11_1301213126_[F4511\Queue.c... C/C++ Windows (CR+LF) WINDOWS-1252 Line 15, Col 17, Pos 337 Insert
                                                                                                                                                                                                                                                                                                             Read/Write default
```

Main.cpp

```
main.cpp [TP_MOD11_1301213126_IF4511] - Code::Blocks 20.03
 File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help
 Management X
                                               Queue.h X Queue.cpp X main.cpp X

    Projects Files FS
    Projects Files FIL
                                                                         using namespace std;
  rksnace
  TP_MOD11_1301213126_
                                                                          int main()
 Sources
       main.cpp
                                                                                    playlistlagu Q;
createPlaylist_1301213126(Q);
         Queue.cpp
                                                                                   createriayiist_isolizisize
infotype x;
adr P, K;
x.artis = "Frank Ocean";
x.judul = "Ivy";
                                                          10
11
  Headers
                                                          12
13
                                                         14
15
                                                                                   createElement_1301213126(x, P);
enqueue_1301213126(Q,P);
                                                          16
                                                                                    x.artis = "The Weeknd";
                                                          17
                                                                                   x.artis = "The Meexago";
x.judul = "Starboy";
createElement_1301213126(x, P);
                                                          18
                                                          19
                                                          20
                                                                                    enqueue_1301213126(Q,P);
                                                          21
                                                                                    x.artis = "Neckdeep";
x.judul = "Wish you were here";
                                                          22
                                                          23
                                                                                    createElement_1301213126(x, P);
                                                          25
                                                                                    enqueue_1301213126(Q,P);
                                                          26
                                                                                    x.artis = "Daniel Caesar";
                                                          27
                                                                                    x.judul = "Japanese Denim";
                                                          28
                                                                                    createElement_1301213126(x, P);
enqueue_1301213126(Q, P);
                                                          29
                                                          30
                                                          31
                                                                                    x.artis = "Rex Orange County";
x.judul = "Pluto Projector";
createElement_1301213126(x, P);
                                                          32
                                                          33
                                                          34
                                                          35
                                                                                    enqueue_1301213126(Q, P);
                                                          36
                                                          37
                                                                                    x.artis = "Simple Plan";
                                                                                    x.judul = "i'm just a kid";
                                                          38
                                                           39
                                                                                    createElement_1301213126(x, P);
                                                          40
                                                                                    enqueue 1301213126(Q,P);
Windows (CR+LF) WINDOWS-1252 Line 6, Col 1, Pos 67
                                                                                                                                                                                                                                                                                          Insert
                                                                                                                                                                                                                                                                                                                                Read/Write default
main.cpp (TP MOD11 1301213126 IF45111 - Code::Blocks 20.03
 File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help
                               X Queue.h X Queue.cpp X main.cpp X
  Projects Files FS
                                                      39
                                                                               createElement_1301213126(x, P);
                                                       40
                                                                              enqueue_1301213126(Q,P);
  TP_MOD11_1301213126_
                                                       41
42
                                                                               x.artis = "Bring Me The Horizon";
x.judul = "Throne";
 Sources
   main.cpp
Queue.cpp
                                                       43
                                                                               createElement_1301213126(x, P);
                                                                               enqueue_1301213126(Q,P);
 Headers
                                                       45
                                                       46
                                                                               x.artis = "The Weeknd";
x.judul = "The Hills";
                                                       48
                                                       49
50
                                                                               createElement_1301213126(x, P);
enqueue_1301213126(Q,P);
                                                      51
52
53
54
55
                                                                               x.artis = "Frank Ocean";
x.judul = "Lost";
                                                                               createElement_1301213126(x, P);
enqueue_1301213126(Q,P);
                                                      56
57
58
                                                                               x.artis = "Reality Club";
                                                                               x.judul = "Telenovia";
                                                                               createElement 1301213126(x. P);
                                                       59
                                                                                enqueue_1301213126(Q,P);
                                                       61
                                                      62
63
                                                                               x.artis = "Bov Pablo";
                                                                               x.arcis = boy rabio;
x.judul = "Sick Feeling";
createElement 1301213126(x, P);
                                                      64
65
66
                                                                                enqueue_1301213126(Q,P);
                                                                               x.artis = "Kanya West";
x.judul = "Heartless";
                                                       67
68
                                                      69
70
71
                                                                               createElement 1301213126(x. P):
                                                                                enqueue_1301213126(Q, P);
                                                                               x.artis = "Joji";
x.judul = "Sanctuary";
createElement_1301213126(x, P);
                                                       72
                                                       73
74
                                                                                enqueue_1301213126(Q,P);
Windows (CR+LF) WINDOWS-1252 Line 6, Col 1, Pos 67 Insert Read/Write default
```

```
main.cpp [TP_MOD11_1301213126_IF4511] - Code::Blocks 20.03
File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help
Management X Queue.h X Queue.cpp X main.cpp X
 Projects Files FS
                              65
                                            enqueue 1301213126(Q,P);
 rkspace
 TP_MOD11_1301213126_
                                           x.artis = "Kanye West";
x.judul = "Heartless";
                               67
Sources
 main.cpp
Queue.cpp
                               69
                                            createElement 1301213126(x, P);
                                            enqueue_1301213126(Q,P);
 Headers
                               71
                               72
                                           x.artis = "Joji";
x.judul = "Sanctuary";
                               73
                                             createElement_1301213126(x, P);
                                            enqueue_1301213126(Q, P);
                               75
                               76
                               77
78
                                            x.artis = "Arctic Monkeys";
                                            x.judul = "R U Mine?";
                                            createElement_1301213126(x, P);
enqueue_1301213126(Q,P);
                               79
80
                               81
82
                                            x.artis = "Cigarettes After Sex";
                                            x.judul = "Sweet";
createElement_1301213126(x, P);
                               83
                               84
                                             enqueue_1301213126(Q,P);
                               86
                                            x.artis = "Khalid";
x.judul = "American Teen";
createElement_1301213126(x, P);
                               88
                               90
                                             enqueue_1301213126(Q,P);
                                             x.artis = "The Smiths":
                               92
                                            x.judul = "Please, Please, Please, Let Me Get What I Want";
createElement_l301213126(x, P);
enqueue_l3012I3126(Q,P);
                               94
                               95
                               96
                                             showsemualagu(0);
                                             dequeue_1301213126(Q,K);
                               98
                                             showsemualagu(Q);
                              100
                                             return 0;
                              101
                              102
                                                                                                                                                      Insert
D:\DOC\TELKOM\KULOAH\STRUKDAT\tugas\TP_MOD11_1301213126_[F4511\main.cpp | C/C++ | Windows (CR+LF) | WINDOWS-1252 | Line 6, Col 1, Pos 67
                                                                                                                                                                           Read/Write default
```

Output

```
Judul: Pluto Projector
Artis: Simple Plan
Judul: in just a kid
Artis: Simple Plan
Judul: in just a kid
Artis: Bring he The Horizon
Judul: The Weekned
Judul: The Weekned
Judul: The Weekned
Judul: Flance
Artis: Frank Ocean
Judul: The Hills
Artis: Frank Ocean
Judul: The Hills
Artis: Reality Club
Judul: Telenovia
Artis: Boy Pablo
Judul: Selenovia
Artis: Boy Pablo
Judul: Selenovia
Artis: Boy Pablo
Judul: Selenovia
Artis: Artic: Mahlid
Judul: American Teen
Artis: The Smiths
Judul: Please, Please, Please, Let Me Get What I Want

Process returned 8 (0x8) execution time: 8.833 s

Press any key to continue.
```