

## Fine Wine Search

FLTK

lab3.fl

File Edit New Layout Shell Help

/\* I included .H file in order to search wine fo...

```
#include "Wine.h"
#include <iostream>
#include <iomanip>
#include <cstdlib>
#include <fstream>
#include <string>
#include <sstream>
using namespace std;
const int MAX_SIZE = 100;
Wine wineList[MAX_SIZE];
parse_line(string line)
/*...
printWine(Wine wine)
cout << setw(50) << wine.wineName << setw(10) << wine.v...
main()
/*...
Double_Window ratewindow
Box background1
Button Return
Box "Vintage Rating"
Value_Input input1
Value_Input input2
Button "Go"
Text_Display rateshow
Double_Window pricewindow
Box background2
Box "Vintage Price"
Value_Input input3
Value_Input input4
Button "Go"
Text_Display priceshow
Button Return2
Double_Window errorWindow
Box "ERROR!"
Button "back"
Double_Window Home
Box background3
Box "Choose a program"
Group
Round_Button Price
Round_Button Rating
Round_Button quit
Button "Go"
```

u@ubuntu: ~/Desktop/lab3

```
Desktop/lab3/lab3.cxx:295567: undefined reference to 'FL_JPEG_Image
ge(char const*, unsigned char const*)'
or: ld returned 1 exit status
~/Desktop/lab3$ fltk-images --compile lab3.cxx
command not found
~/Desktop/lab3$ fltk-config --use-images --compile lab3.cxx
clude/cairo -I/usr/include/glib-2.0 -I/usr/lib/1386-linux-gnu/glib-
I/usr/include/pixman-1 -I/usr/include/freetype2 -I/usr/include/libp
nclude/freetype2 -I/usr/include/cairo -I/usr/include/glib-2.0 -I/us
nux-gnu/glib-2.0/include -I/usr/include/pixman-1 -I/usr/include/fre
/include/libpng12 -g -O2 -D_LARGEFILE_SOURCE -D_LARGEFILE64_SOURCE
T_BITS=64 -D_THREAD_SAFE -D_REENTRANT -o 'lab3' 'lab3.cxx' -lL,-Bsy
ons -lfltk_images -lfltk -lX11
~/Desktop/lab3$ ./lab3
~/Desktop/lab3$ fltk-config --use-images --compile lab3.cxx
clude/cairo -I/usr/include/glib-2.0 -I/usr/lib/1386-linux-gnu/glib-
I/usr/include/pixman-1 -I/usr/include/freetype2 -I/usr/include/libp
nclude/freetype2 -I/usr/include/cairo -I/usr/include/glib-2.0 -I/us
nux-gnu/glib-2.0/include -I/usr/include/pixman-1 -I/usr/include/fre
/include/libpng12 -g -O2 -D_LARGEFILE_SOURCE -D_LARGEFILE64_SOURCE
T_BITS=64 -D_THREAD_SAFE -D_REENTRANT -o 'lab3' 'lab3.cxx' -lL,-Bsy
ons -lfltk_images -lfltk -lX11
~/Desktop/lab3$ ./lab3
```

FLTK

Choose a program

Choose your price range

Choose your rating

Quit

Go

This Program Allows user to search desired wine by price or rating. The application was compiled in C++ language and used fluid (fltk) as the GUI tool to implement the graphics.



