

INTRO PAGE TITLE

SampleText SampleText SampleText SampleText SampleText Sample-
Text

Labgui Header File

SampleText SampleText SampleText SampleText SampleText SampleText

```
// labgui.h
#include <iostream>
const int WIDTH=300;
const int HEIGHT=300;
#include <FL/Fl.H>
#include <FL/Fl_Double_Window.H>
#include <FL/Fl_Input.H>
#include <FL/Fl_Button.H>
#include <FL/Fl_Text_Editor.H>
void loginCB(Fl_Widget*, void*);
void readCB(Fl_Widget*, void*);
void sendCB(Fl_Widget*, void*);
extern Fl_Text_Editor* editMSG;
extern Fl_Text_Buffer* editBfr;
```

Lab cpp File

SampleText SampleText SampleText SampleText SampleText SampleText
Text

```
// lab.cpp
// g++ *.cpp `fltk-config --cxxflags --ldflags` -o lab
#include "labgui.h"
Fl_Double_Window w(WIDTH, HEIGHT);
Fl_Input* nameInput;
Fl_Button* login;
Fl_Button* read;
Fl_Button* send;
Fl_Text_Editor* editMSG;
Fl_Text_Buffer* editBfr;

int main()
{
    w.label("E-mail");
    nameInput = new Fl_Input(WIDTH*.3,HEIGHT*.05,WIDTH*.3,HEIGHT*.05);
    login = new Fl_Button(WIDTH*.7,HEIGHT*.05,WIDTH*.2,HEIGHT*.1);
    read = new Fl_Button(WIDTH*.7,HEIGHT*.15,WIDTH*.2,HEIGHT*.15);
    send = new Fl_Button(WIDTH*.7,HEIGHT*.25,WIDTH*.2,HEIGHT*.15);
    editMSG = new Fl_Text_Editor(WIDTH*.7,HEIGHT*.3,WIDTH*.3,HEIGHT*.4);
    editBfr = new Fl_Text_Buffer(WIDTH*.7,HEIGHT*.4,WIDTH*.3,HEIGHT*.4);
    w.end();
    w.show();
    nameInput->show();
    login->show();
    read->show();
    send->show();
    editMSG->show();
    editBfr->show();
    while(1)
    {
        if(login->is_clicked())
        {
            editMSG->clear();
            editBfr->clear();
            login->disable();
            read->enable();
            send->enable();
            editMSG->show();
            editBfr->show();
        }
        if(read->is_clicked())
        {
            editMSG->insert(editBfr->get());
            editMSG->show();
        }
        if(send->is_clicked())
        {
            editMSG->insert(editBfr->get());
            editMSG->show();
        }
    }
}
```