

Предмет	ТРПО
Курс	4
Семестр	1
Работа	9
Дата	27.11.2020
Группа	473
Фамилия	Студентова
Имя	Варя
Отчество	Олеговна

## Отчет

Создаем интерфейс приложения в Glade (Рис.1).

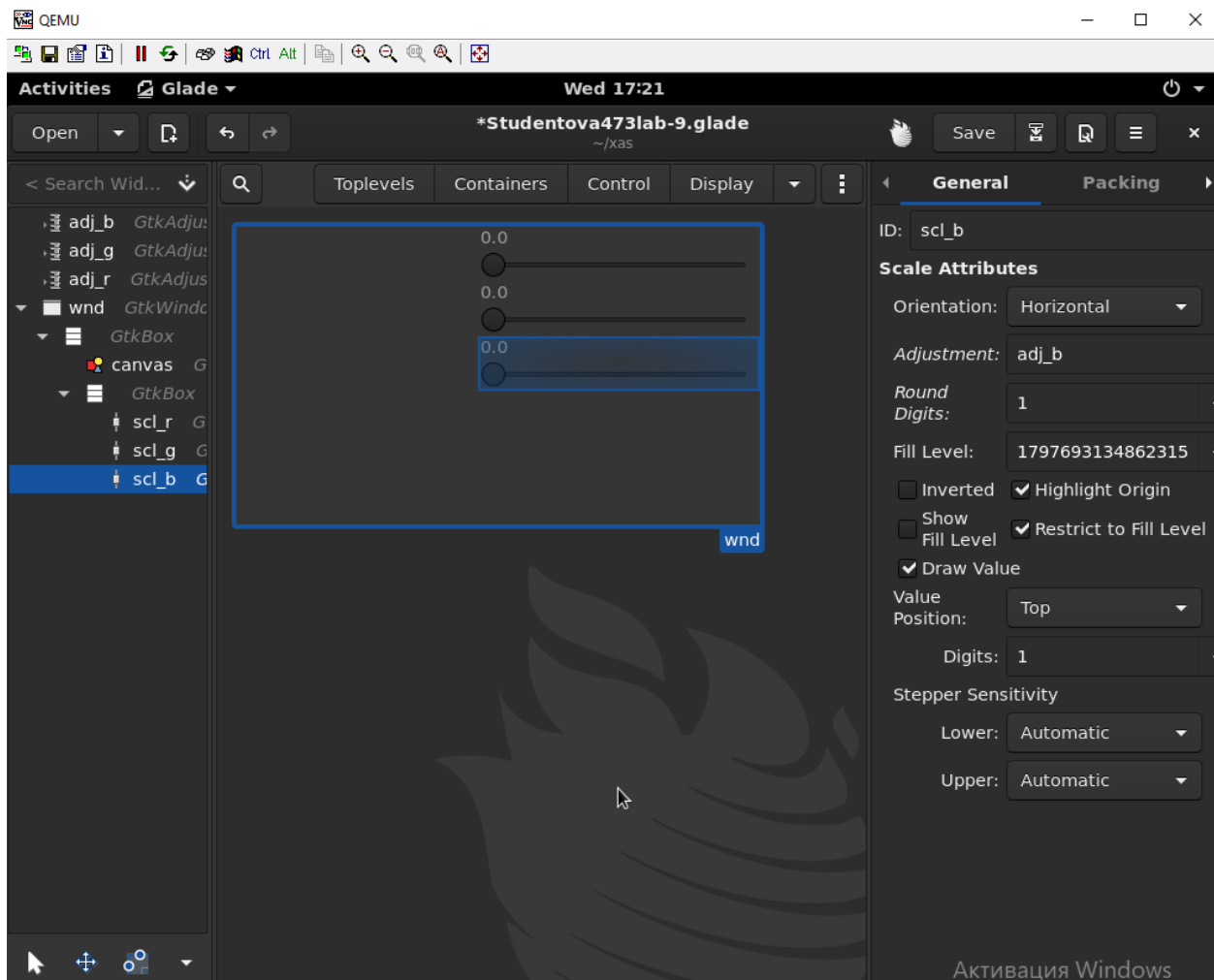
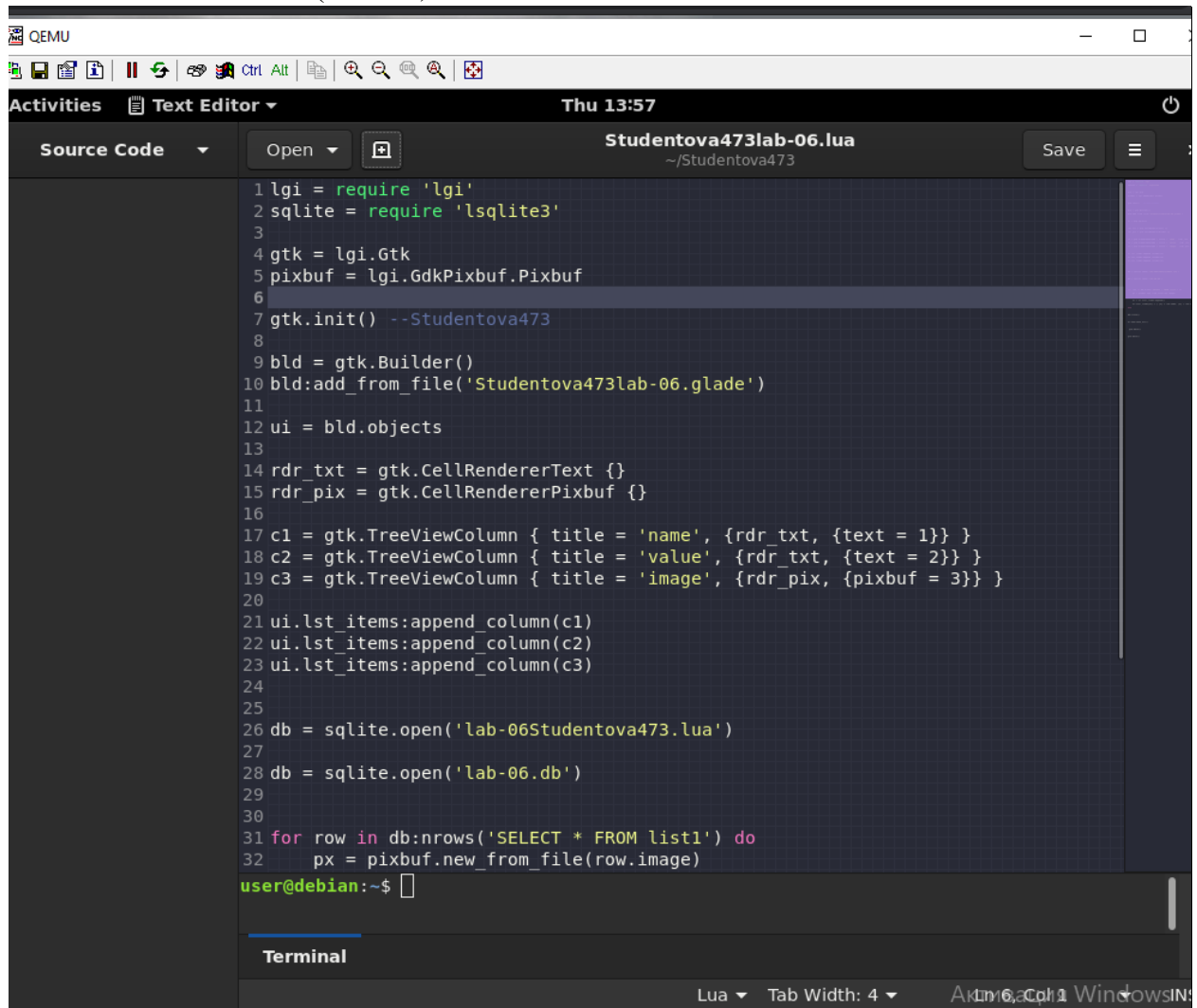


Рис-1

Написанный код на lua (Рис.2-3).



The screenshot shows a QEMU virtual machine window. The top bar indicates 'QEMU' and the time 'Thu 13:57'. Below the bar is a menu bar with 'Activities' and 'Text Editor'. The main window is titled 'Studentova473lab-06.lua' and shows a Lua script. The script is as follows:

```
1 lgi = require 'lgi'
2 sqlite = require 'sqlite3'
3
4 gtk = lgi.Gtk
5 pixbuf = lgi.GdkPixbuf.Pixbuf
6
7 gtk.init() --Studentova473
8
9 bld = gtk.Builder()
10 bld:add_from_file('Studentova473lab-06.glade')
11
12 ui = bld.objects
13
14 rdr_txt = gtk.CellRendererText {}
15 rdr_pix = gtk.CellRendererPixbuf {}
16
17 c1 = gtk.TreeViewColumn { title = 'name', {rdr_txt, {text = 1}} }
18 c2 = gtk.TreeViewColumn { title = 'value', {rdr_txt, {text = 2}} }
19 c3 = gtk.TreeViewColumn { title = 'image', {rdr_pix, {pixbuf = 3}} }
20
21 ui.lst_items:append_column(c1)
22 ui.lst_items:append_column(c2)
23 ui.lst_items:append_column(c3)
24
25
26 db = sqlite.open('lab-06Studentova473.lua')
27
28 db = sqlite.open('lab-06.db')
29
30
31 for row in db:nrows('SELECT * FROM list1') do
32     px = pixbuf.new_from_file(row.image)
33 end
```

Below the code editor is a terminal window with the prompt 'user@debian:~\$' and a cursor. The terminal title is 'Terminal'. At the bottom of the window, there is a status bar with 'Lua', 'Tab Width: 4', and 'Active Windows: 1'.

Рис-2

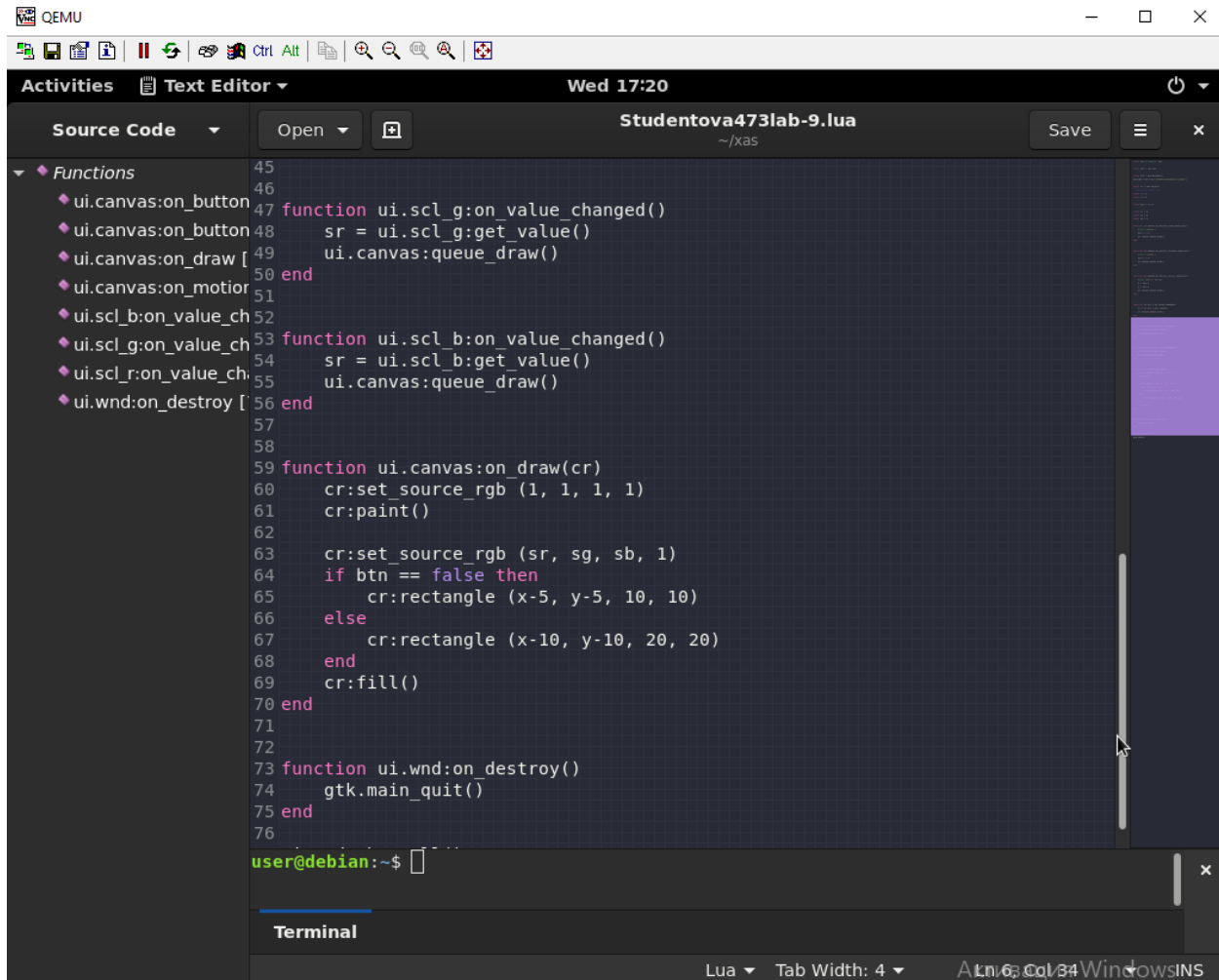


Рис-3

## Работа приложения (Рис.4)

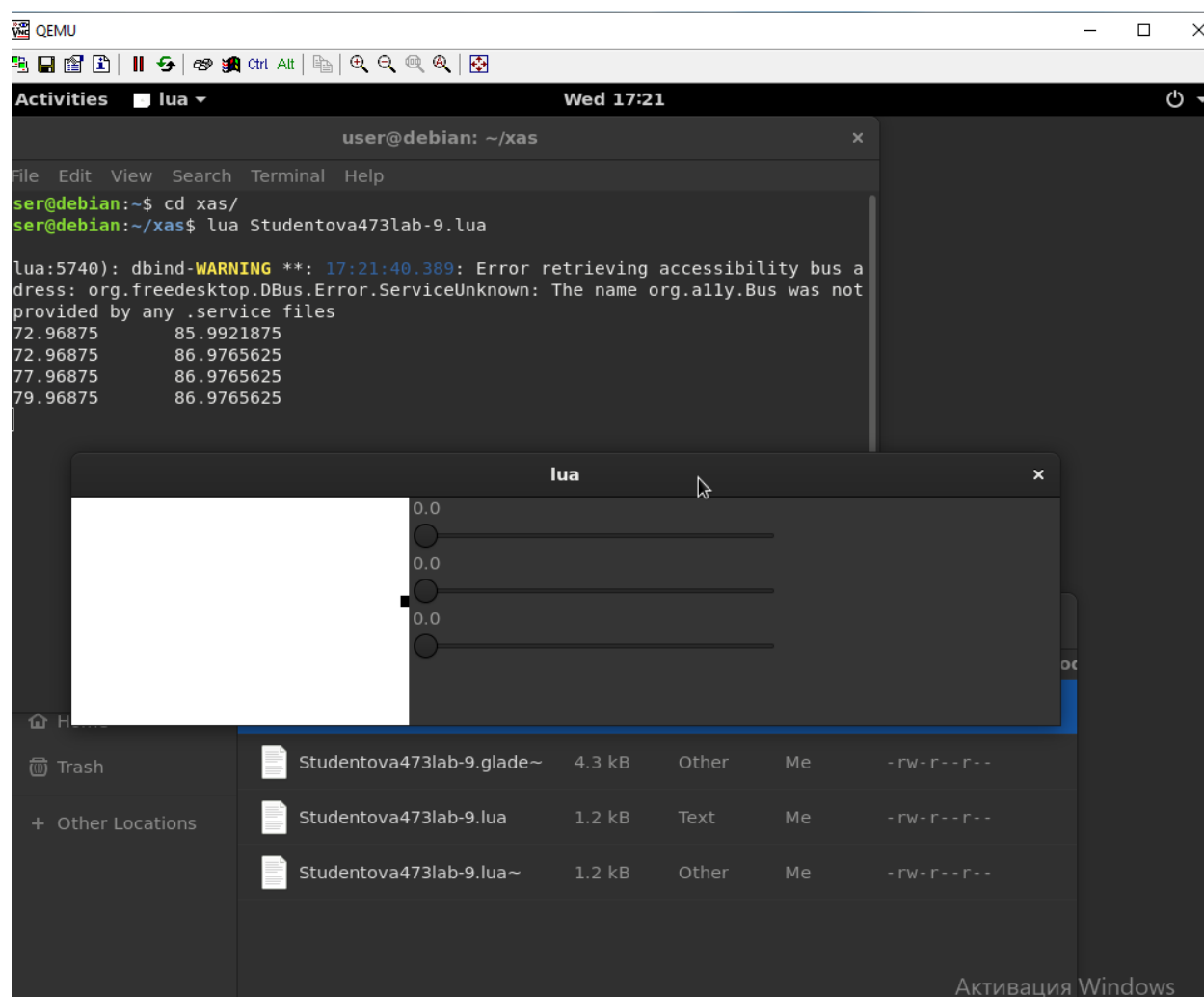


Рис-4