Санкт-Петербургский колледж информационных технологий

МДК 03.01

«Технология разработки программного обеспечения»

**отчёт**

по практической работе №3

Выполнил студент 474 гр.:

Черных Артём

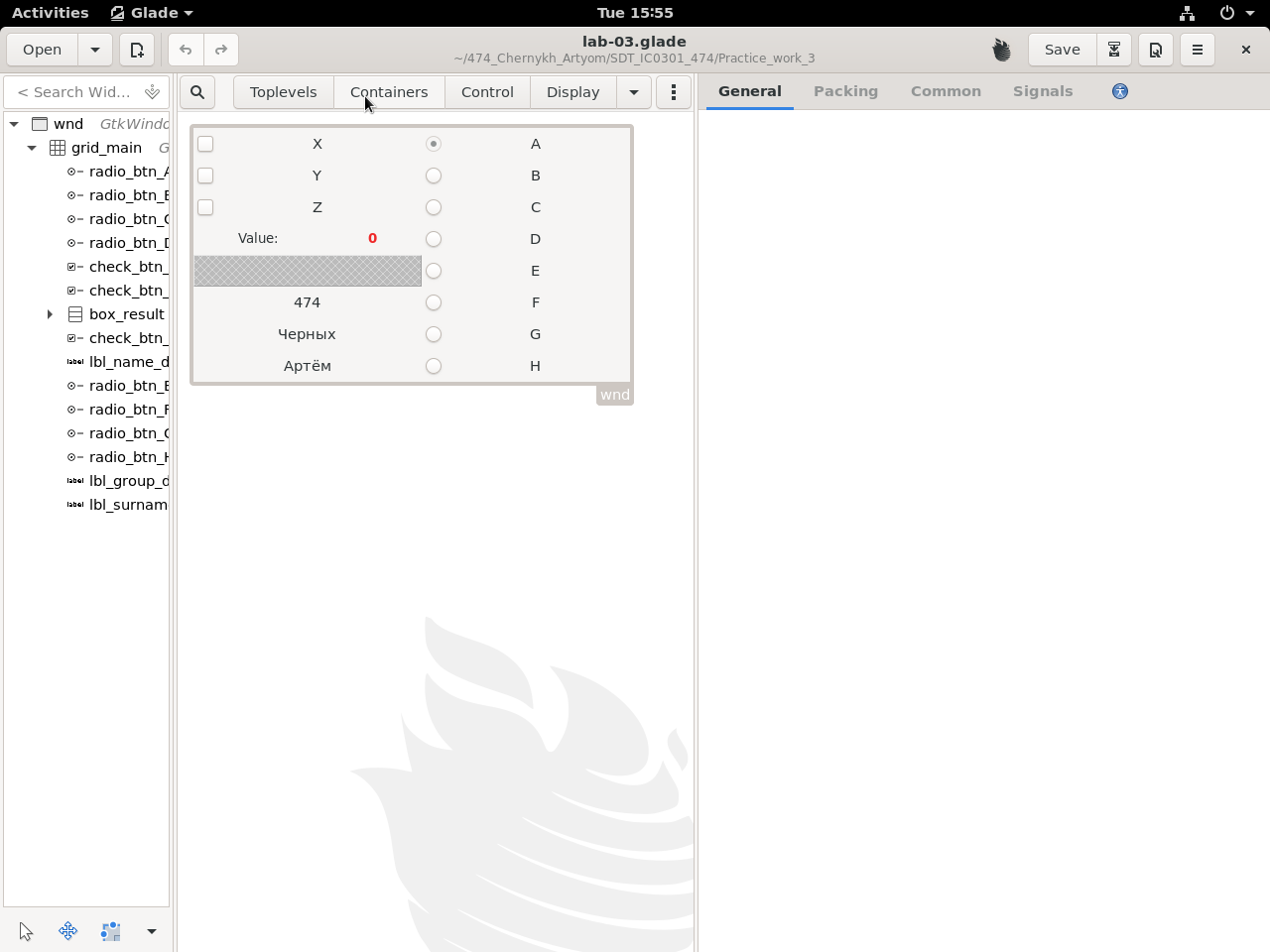
Преподаватель:

Фомин А.В.

Санкт-Петербург 2020

To mark 4

1. Interface programm:



2.Text programm:

Based part(lua):

#!/usr/bin/lua5.3

lgi = require 'lgi'

gtk = lgi.Gtk

gdk = lgi.Gdk

gtk.init()

bld = gtk.Builder()

bld:add\_from\_file('lab-03.glade')

--[[screen = gdk\_screen\_get\_default();

provider = gtk\_css\_provider\_new();

gtk\_css\_provider\_load\_from\_resource (provider,

'/SDT\_IC0301\_474/Practice\_work\_3/styles\_lua.css');

gtk\_style\_context\_add\_provider\_for\_screen (screen,

provider, GTK\_STYLE\_PROVIDER\_PRIORITY\_APPLICATION);]]

prov = gtk.CssProvider()

prov:load\_from\_path('styles\_lua.css')

context = gtk.StyleContext()

screen = gdk.Screen.get\_default()

context.add\_provider\_for\_screen(screen, prov,

gtk.STYLE\_PROVIDER\_PRIORITY\_APPLICATION)

--@import url('styles\_lua.css');

ui = bld.objects

arr\_radio\_btn = {ui.radio\_btn\_A, ui.radio\_btn\_B,

ui.radio\_btn\_C, ui.radio\_btn\_D, ui.radio\_btn\_E,

ui.radio\_btn\_F, ui.radio\_btn\_G, ui.radio\_btn\_H}

function update()

x=0

y=0

z=0

if ui.check\_btn\_X.active==true then x = 1 end

if ui.check\_btn\_Y.active==true then y = 1 end

if ui.check\_btn\_Z.active==true then z = 1 end

value=x+y\*2+z\*4

arr\_radio\_btn[value+1].active = true

ui.lbl\_res.label=value

end

function ui.check\_btn\_X:on\_clicked()

update()

end

function ui.check\_btn\_Y:on\_clicked()

update()

end

function ui.check\_btn\_Z:on\_clicked()

update()

end

ui.wnd.title = 'lab-03'

ui.wnd.on\_destroy = gtk.main\_quit

ui.wnd:show\_all()

gtk.main()

Aditional part(css):

.value{

color:blue;

}

.group\_dev,.surname\_dev,.name\_dev{

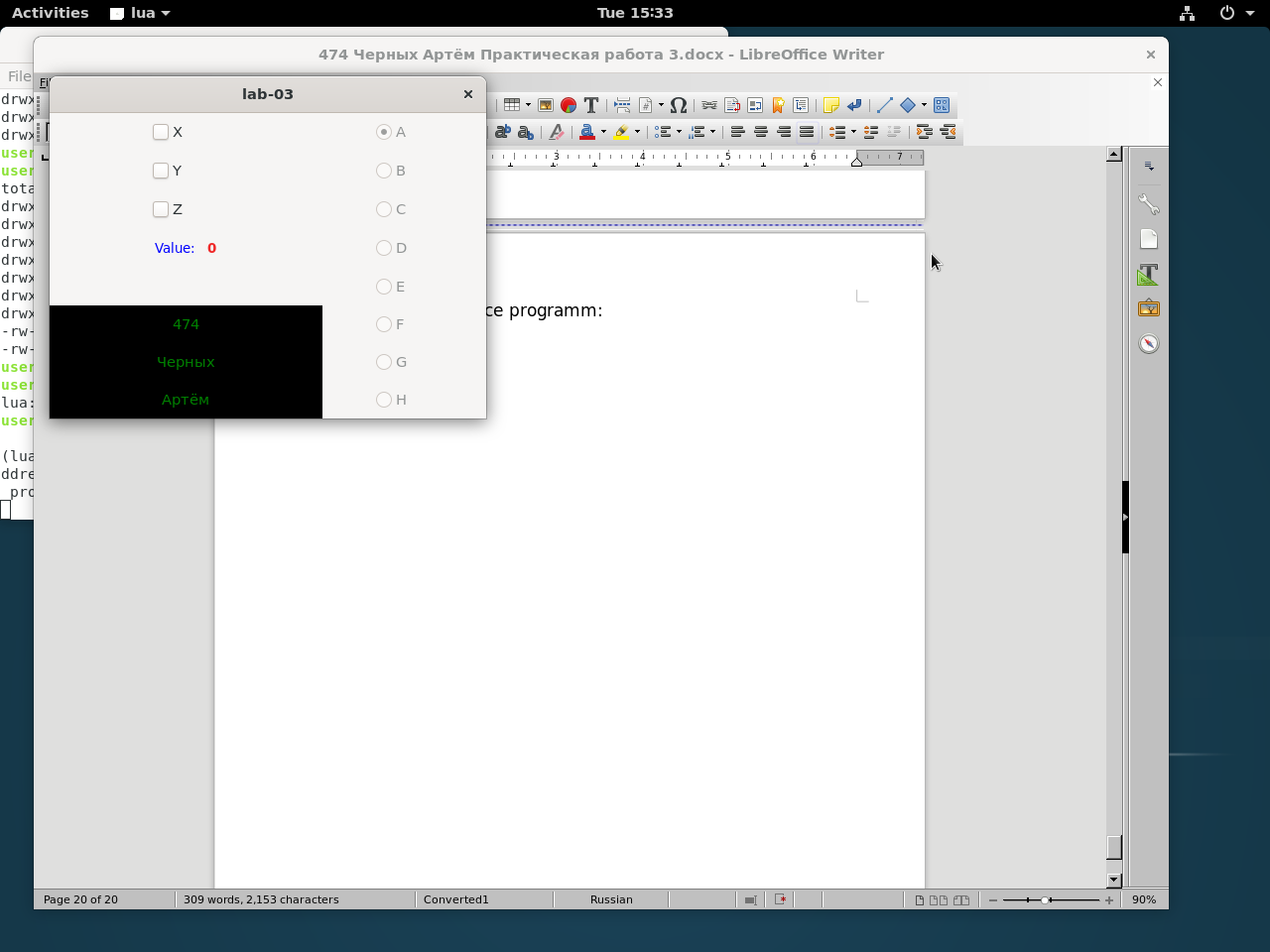
color:green;

background-color:black;

/\*linear-gradient(to top, red, violet);\*/

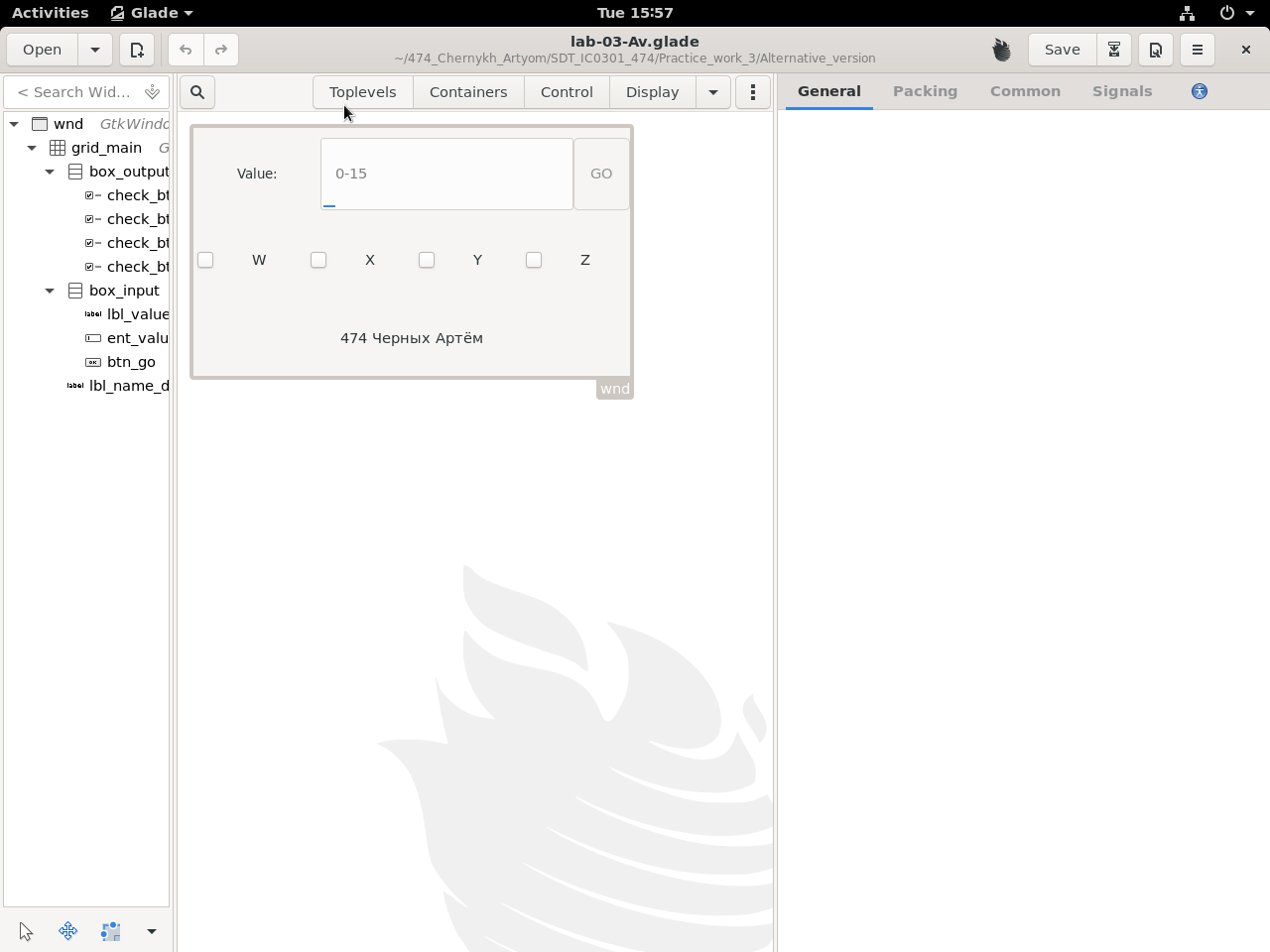
}

3. Programm in work:



To mark 5

1.Interface programm:



2.Text programm:

Based part(lua):

#!/usr/bin/lua5.3

lgi = require 'lgi'

gtk = lgi.Gtk

gdk = lgi.Gdk

gtk.init()

bld = gtk.Builder()

bld:add\_from\_file('lab-03-Av.glade')

prov = gtk.CssProvider()

prov:load\_from\_path('styles\_lua\_Av.css')

context = gtk.StyleContext()

screen = gdk.Screen.get\_default()

context.add\_provider\_for\_screen(screen, prov,

gtk.STYLE\_PROVIDER\_PRIORITY\_APPLICATION)

ui = bld.objects

arr\_cb = {ui.check\_btn\_W, ui.check\_btn\_X,

ui.check\_btn\_Y, ui.check\_btn\_Z}

function ui.ent\_value:on\_grab\_focus()

if ui.ent\_value.text == 'error' then

ui.ent\_value.text='' end

end

function ui.btn\_go:on\_clicked()

for i=0, 3, 1 do

arr\_cb[i+1].active=false

end

value = tonumber(ui.ent\_value.text)

j=8

for i,el in ipairs(arr\_cb) do

if (value >= 0 and value <= 15)and value~=nil then

if value/j>=1 then el.active=true

value=value%j

end

j=j/2

else value = nil ui.ent\_value.text = 'error'

end

end

end

ui.wnd.title = 'lab-03-Av'

ui.wnd.on\_destroy = gtk.main\_quit

ui.wnd:show\_all()

gtk.main()

Aditional part(css):

.value{

color:blue;

font-size:20px;

}

.box\_output{

border: 1px solid red;

}

.name\_dev{

color:green;

background-color:black;

/\*linear-gradient(to top, red, violet);\*/

}

3. Programm in work:

