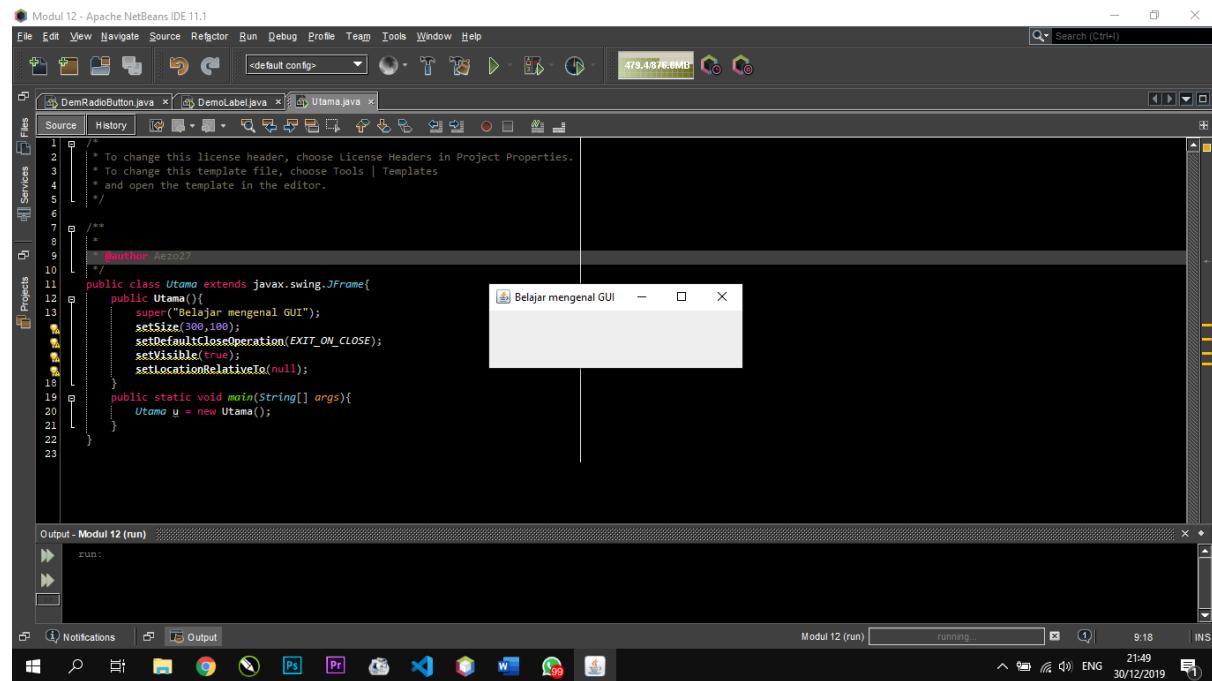


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 NIM : L200180065
 Kelas : B

MODUL 12

LATIHAN

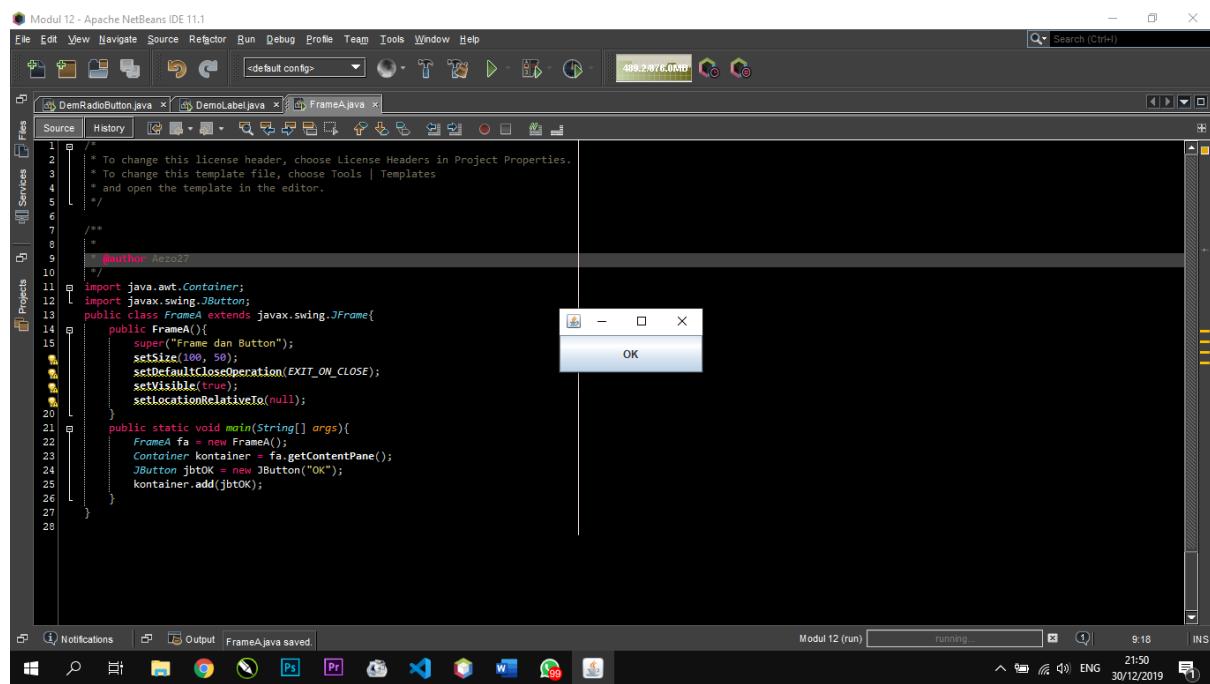
JFrame



Konstruktor	Keterangan
JFrame()	<ul style="list-style-type: none"> Jendela utama yang digunakan untuk menampilkan komponen yang kita inginkan. Membuat JFrame tanpa judul.
JFrame(String Judul)	<ul style="list-style-type: none"> Pemberian nama pada jendela utama yang ditampilkan. Membuat JFrame dengan judul.

Metode	Keterangan
void setSize(int lebar, int tinggi)	Mengatur ukuran frame.
void setLocation(int x, int y)	Mengatur lokasi frame dihitung dari kiri atas.
void setVisible(boolean)	Menentukan JFrame ditampilkan atau tidak.
void setLocationRelativeTo(Component)	Menentukan letak JFrame relative dengan komponen lainnya. Jika diset null, maka JFrame akan ditampilkan di tengah.

JButton

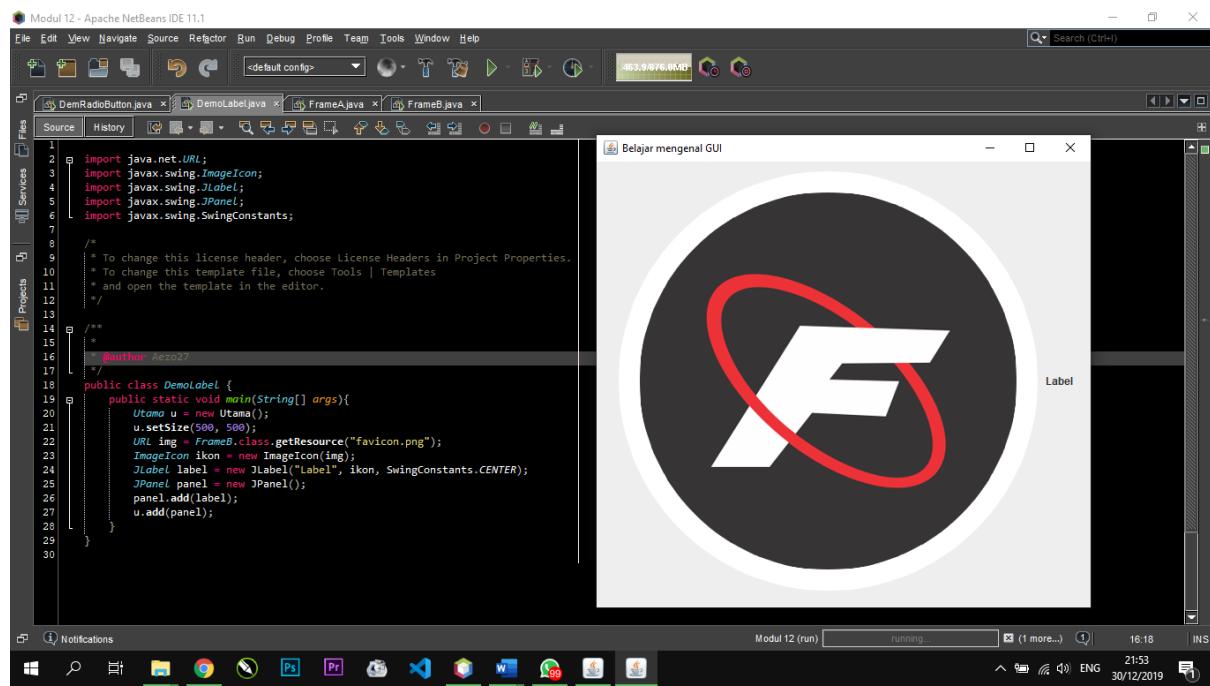


The screenshot shows the Apache NetBeans IDE interface. In the center, there is a code editor window displaying Java code for creating a simple GUI application. The code defines a class named FrameA that extends javax.swing.JFrame. It sets the frame title to "Frame dan Button", sizes it to 100x50 pixels, and adds an OK button to the content pane. A preview window on the right shows a small window with an OK button. At the bottom, the status bar indicates "Modul 12 (run) running..." and the system tray shows various icons.

```
1  /*
2  * To change this license header, choose License Headers in Project Properties.
3  * To change this template file, choose Tools | Templates
4  * and open the template in the editor.
5  */
6
7 /**
8 * Author: Aezo27
9 */
10 import java.awt.Container;
11 import javax.swing.JButton;
12 public class FrameA extends javax.swing.JFrame{
13     public FrameA(){
14         super("Frame dan Button");
15         setSize(100, 50);
16         setDefaultCloseOperation(EXIT_ON_CLOSE);
17         setVisible(true);
18         setLocationRelativeTo(null);
19     }
20     public static void main(String[] args){
21         FrameA fa = new FrameA();
22         Container kontainer = fa.getContentPane();
23         JButton jbOK = new JButton("OK");
24         kontainer.add(jbOK);
25     }
26 }
27
28
```

Konstruktor	Keterangan
JButton()	Membuat JButton tanpa teks maupun icon.
JButton(String teks)	Membuat JButton dengan teks.
JButton(Icon icon)	Membuat JButton dengan icon.
JButton(String teks, Icon icon)	Membuat JButton dengan teks dan icon.

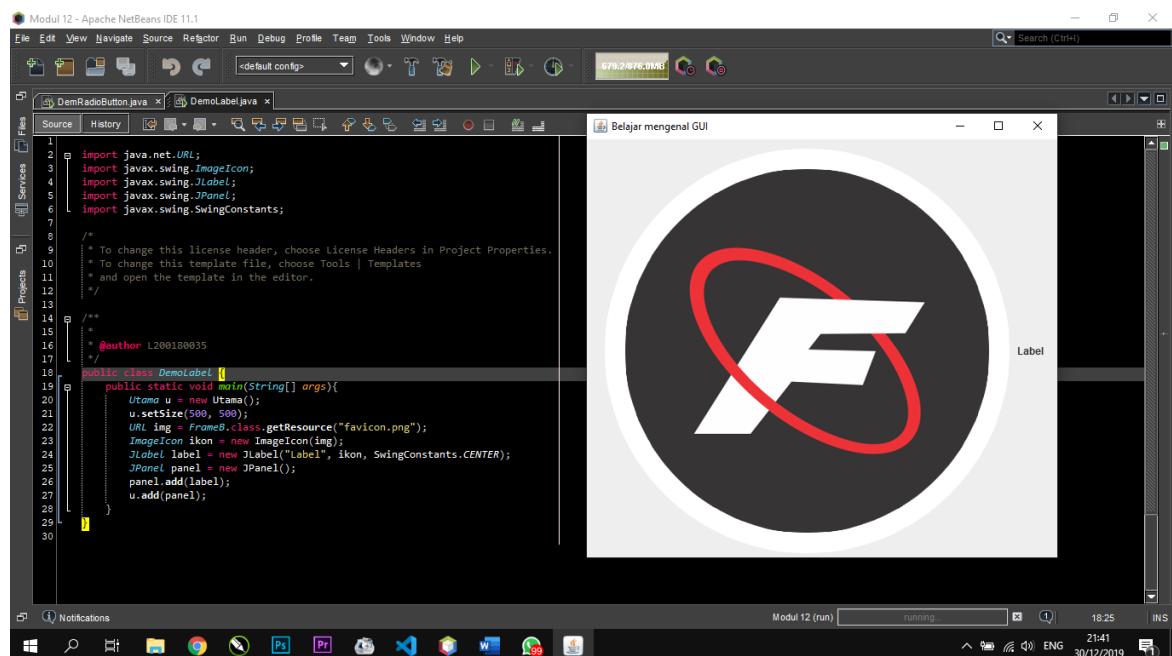
Container



The screenshot shows the Apache NetBeans IDE interface. In the center, there is a code editor window displaying Java code for creating a GUI application. The code defines a class named DemoLabel that extends javax.swing.JFrame. It sets the frame title to "Belajar mengenal GUI", sizes it to 500x500 pixels, and adds a label with the text "Label" and a red circled letter F icon to the content pane. A preview window on the right shows the resulting window with the label and icon. At the bottom, the status bar indicates "Modul 12 (run) running..." and the system tray shows various icons.

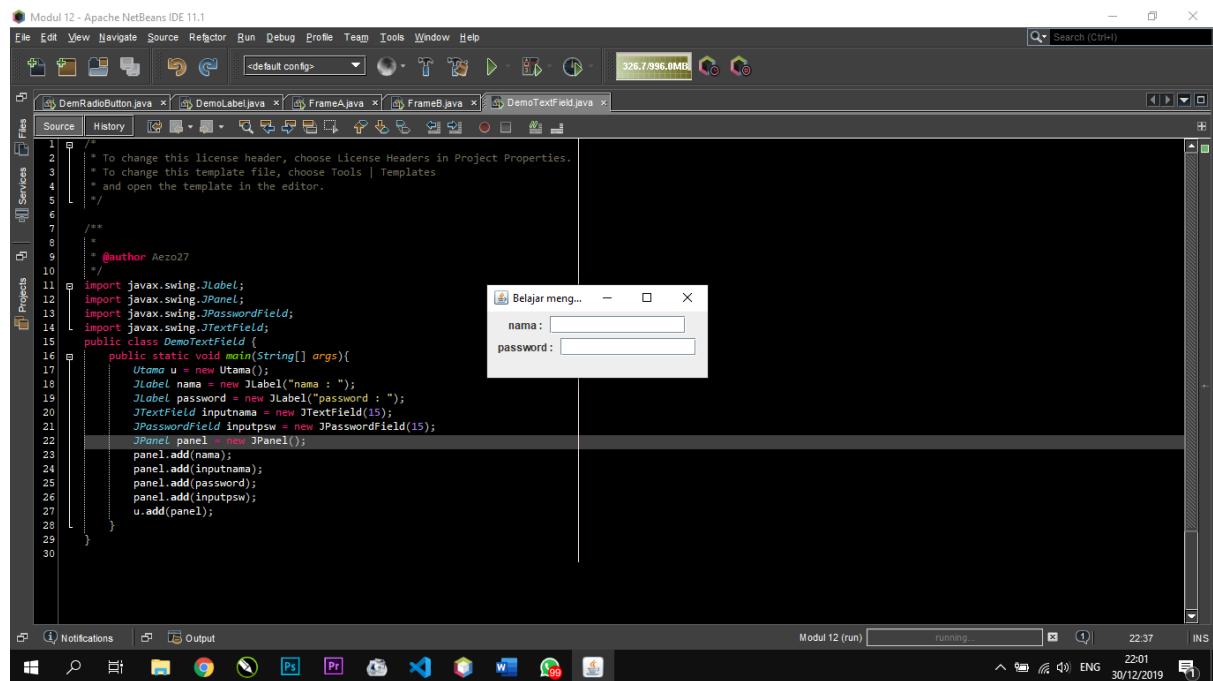
```
1  /*
2  * To change this license header, choose License Headers in Project Properties.
3  * To change this template file, choose Tools | Templates
4  * and open the template in the editor.
5  */
6
7 /**
8 * Author: Aezo27
9 */
10 public class DemoLabel {
11     public static void main(String[] args){
12         Utama u = new Utama();
13         u.setSize(500, 500);
14         URL img = FrameB.class.getResource("favicon.png");
15         ImageIcon ikon = new ImageIcon(img);
16         JLabel label = new JLabel("Label", ikon, SwingConstants.CENTER);
17         JPanel panel = new JPanel();
18         panel.add(label);
19         u.add(panel);
20     }
21 }
22
23
```

Jlabel



Konstruktor	Keterangan
JLabel(String teks)	Label dengan teks.
JLabel(String teks, int i)	Label dengan teks dan alignment (perataan). Terdapat tiga jenis alignment, yaitu LEFT, CENTER, dan RIGHT.
JLabel(String teks, Icon ic, int i)	Label dengan teks, icon, dan alignment.

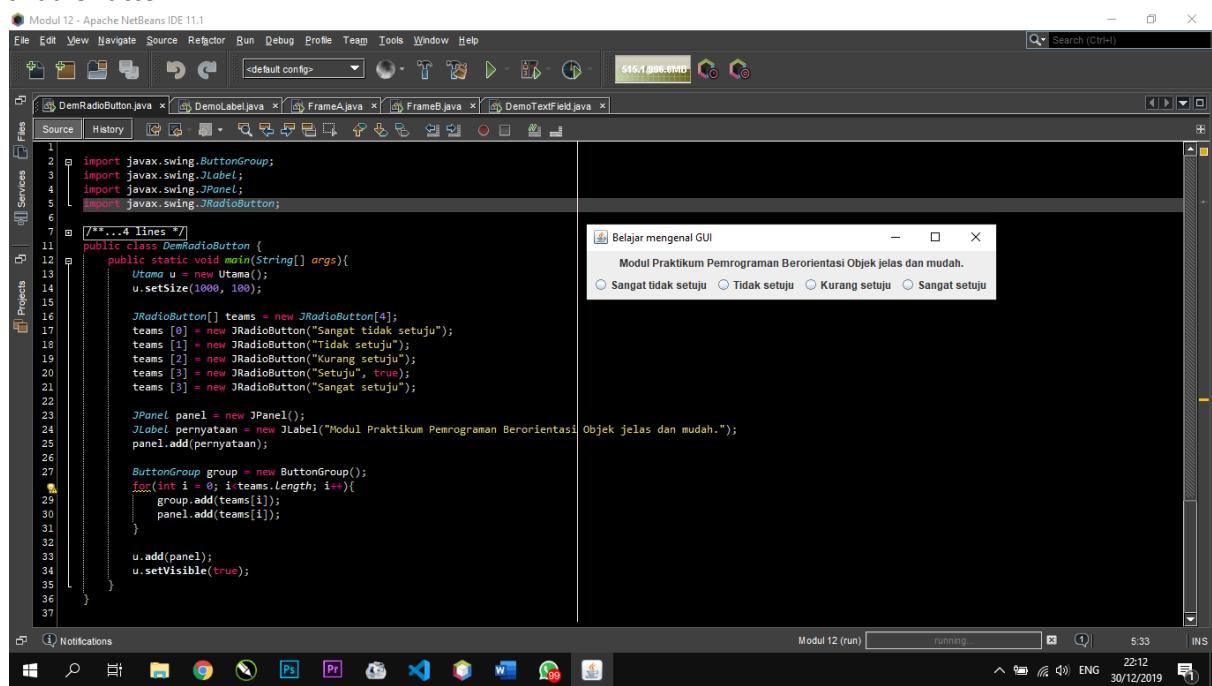
JtextField & JPasswordField



Konstruktor	Penjelasan
JTextField()	Text Field kosong tanpa tulisan.
JTextField(int i)	Text Field dengan panjang yang ditentukan.
JTextField(String i)	Teks Field dengan teks yang sudah ditentukan.
JTextField(String teks, int i)	Teks Field dengan teks dan panjang kolom yang sudah ditentukan

Parameter dalam class JTextField	Penjelasan
String Text	Teks dalam Text Field.
Boolean Editable	Menentukan bisa tidaknya teks dalam Text Field untuk diedit.
Int columns	Jumlah kolom pada Text Field.
Int horizontalAlignment	Perataan horizontal pada Text Field.

JRadioButton



Konstruktor	Penjelasan
JCheckBox(String Teks)	Check box dengan teks yang ditentukan.
JCheckBox(String, Boolean)	Check box dengan teks yang ditentukan, jika kondisi pada parameter kedua true, maka Check box ini akan dipilih.
JCheckBox(icon)	Check box dengan gambar icon.
JCheckBox(icon, Boolean)	Check box dengan gambar icon dan terpilih jika true.
JCheckBox(String, Icon)	Check box dengan tulisan dan gambar icon.
JCheckBox(String, Icon, Boolean)	Check box dengan tulisan dan gambar icon, akan dipilih secara default jika kondisi true.

Tugas

JComboBox

1.

The screenshot shows the Apache NetBeans IDE interface with the title "Modul 12 - Apache NetBeans IDE 11.1". The menu bar includes File, Edit, View, Navigate, Source, Refactor, Run, Debug, Profile, Team, Tools, Window, Help. The toolbar has icons for file operations like Open, Save, Find, and Build. The status bar at the bottom right shows "Modul 12 (run) running..." and the date "20/12/2019".

The main workspace displays the Java code for `JComboBox.java`. The code is as follows:

```
7  /*...4 lines */
11 public class JComboBox extends javax.swing.JFrame {
12
13     /* Creates new form JComboBox ...3 lines */
14     public JComboBox() {
15         super("Tugas 1");
16         initComponents();
17     }
18
19     JComboBox(String sangat_tidak_Setuju) {
20         throw new UnsupportedOperationException("Not supported yet."); //To change body of generated methods, choose Tools | Templates.
21     }
22
23     /* This method is called from within the constructor to initialize the form ...5 lines */
24     @SuppressWarnings("unchecked")
25     Generated Code
26
27     private void jComboBox1ActionPerformed(java.awt.event.ActionEvent evt) {
28         // TODO add your handling code here:
29     }
30
31     /*...3 lines */
32     public static void main(String args[]) {
33         /* Set the Nimbus look and feel */
34         Look and feel setting code (optional)
35
36         /* Create and display the form */
37         java.awt.EventQueue.invokeLater(new Runnable() {
38             public void run() {
39                 new JComboBox().setVisible(true);
40             }
41         });
42     }
43
44     /* Variables declaration - do not modify*/
45 }
```

The screenshot shows the Apache NetBeans IDE interface with the title "Modul 12 - Apache NetBeans IDE 11.1". The main window displays the Java code for "JComboBox.java". The code includes a main method that sets the Nimbus look and feel, creates a new event queue, and runs a task to make a JComboBox visible. It also declares variables for a JComboBox, JLabel, menu, and menu bar.

```
83
84     /**...3 lines */
85     public static void main(String args[]) {
86         /* Set the Nimbus look and feel */
87         // Look and feel setting code (optional)
88
89         /*
90          ...
91         */
92
93         /* Create and display the form */
94         java.awt.EventQueue.invokeLater(new Runnable() {
95             public void run() {
96                 new JComboBox().setVisible(true);
97             }
98         });
99
100
101     }
102
103     // Variables declaration - do not modify
104     private javax.swing.JComboBox<String> jComboBox1;
105     private javax.swing.JLabel jLabel1;
106     private java.awt.Menu menu1;
107     private java.awt.Menu menu2;
108     private java.awtMenuBar menuBar1;
109
110     // End of variables declaration
111 }
```

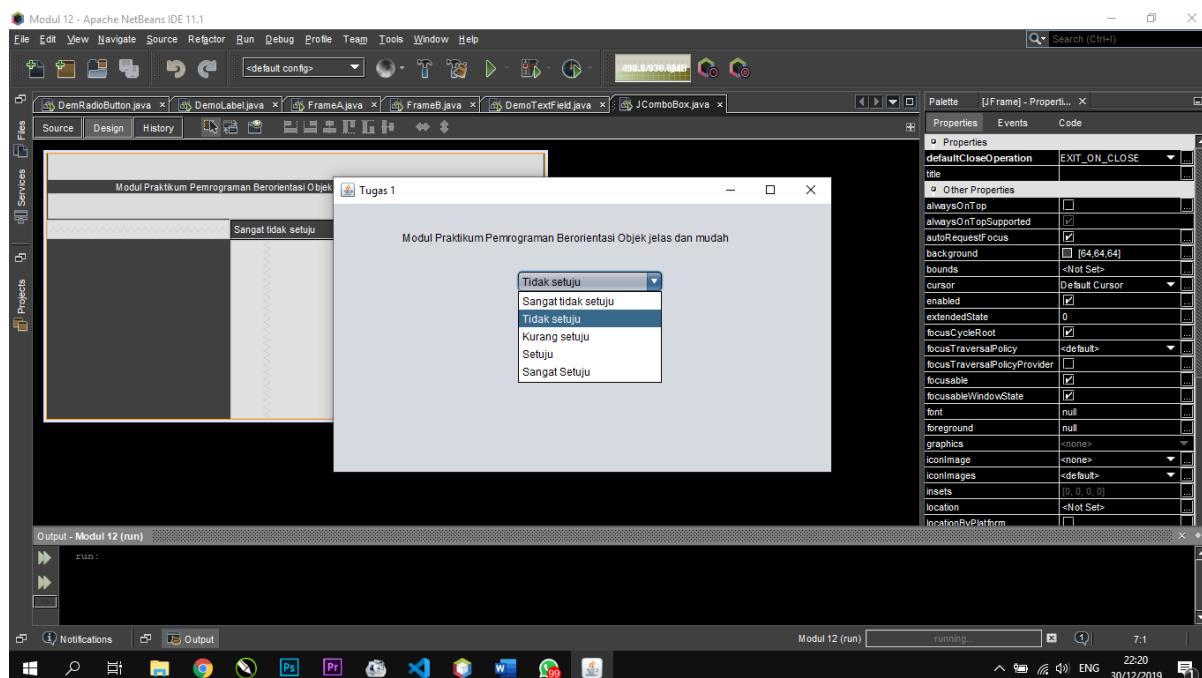
Modul Praktikum Pemrograman Berorientasi Objek jelas dan mudah

Sangat tidak setuju

Properties

defaultCloseOperation	EXIT_ON_CLOSE
title	
alwaysOnTop	<input type="checkbox"/>
autoRequestFocus	<input checked="" type="checkbox"/>
background	[64,64,64]
bounds	<Not Set>
cursor	Default Cursor
enabled	<input checked="" type="checkbox"/>
extendedState	0
focusCycleRoot	<input checked="" type="checkbox"/>
focusTraversalPolicy	<default>
focusTraversalPolicyProvider	<input type="checkbox"/>
focusable	<input checked="" type="checkbox"/>
focusableWindowState	<input checked="" type="checkbox"/>
font	null
foreground	null
graphics	<none>
iconImage	<none>
iconImages	<default>
insets	[0, 0, 0, 0]
location	<Not Set>
locationByPlatform	<input type="checkbox"/>
maximizedBounds	null

JFrame



2

