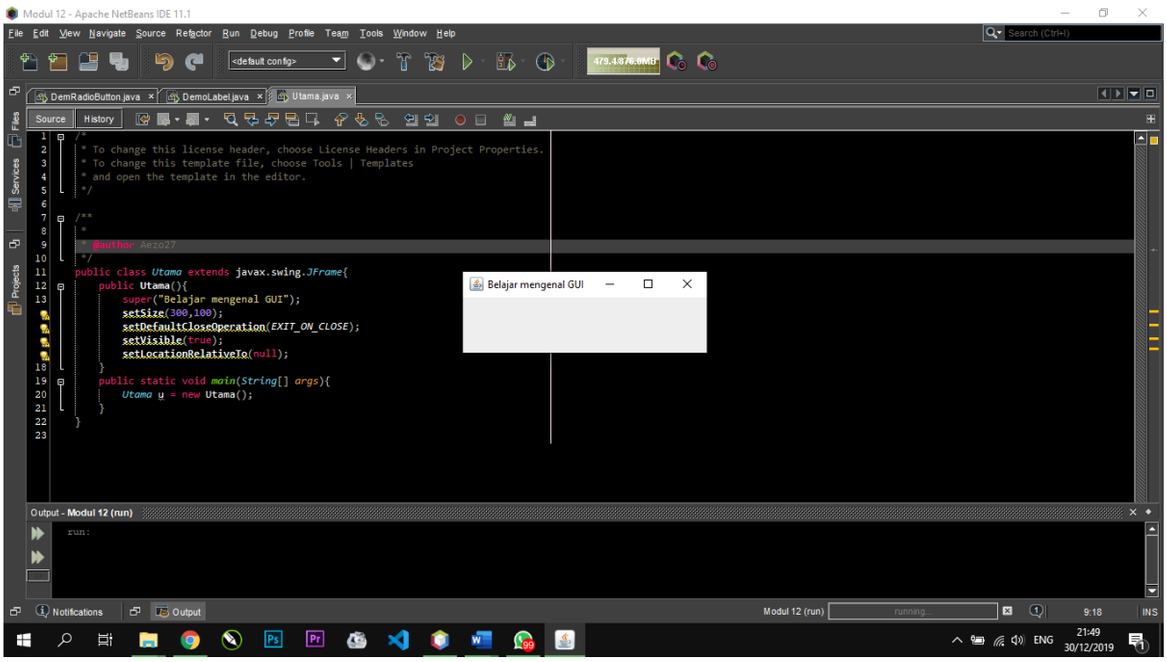
Nama : Wahyu Setyaji Rama Dwijaya
NIM : L200180065
Kelas : B

MODUL 12

LATIHAN

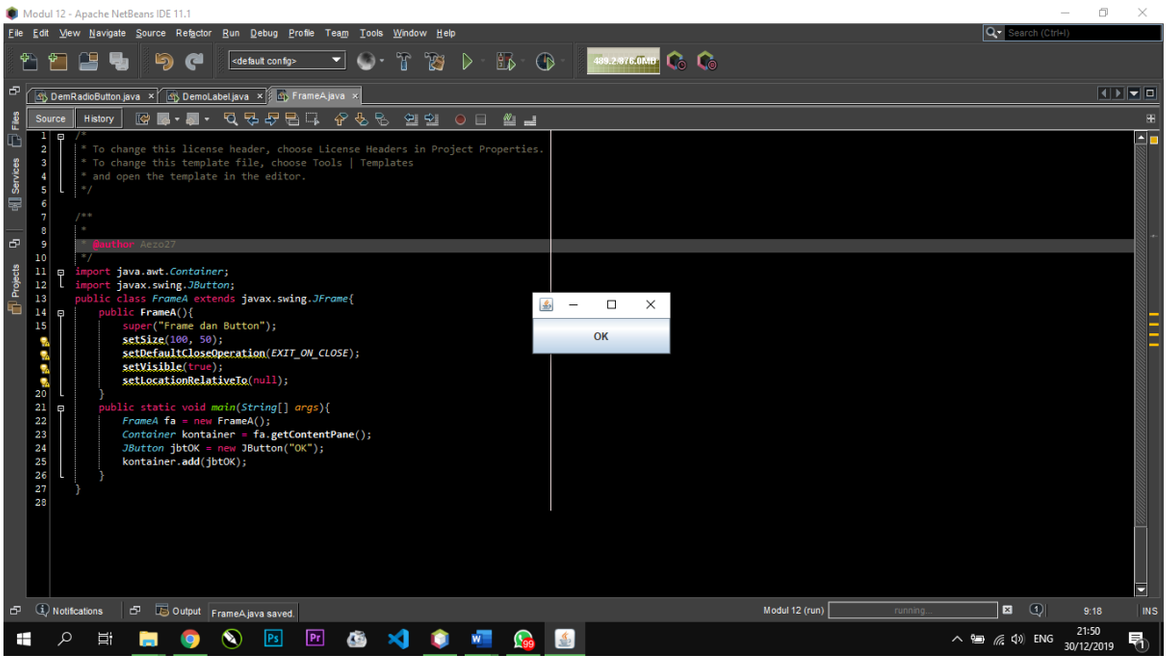
JFrame



Konstruktor	Keterangan
JFrame()	• Jendela utama yang digunakan untuk menampilkan komponen yang kita inginkan. • Membuat JFrame tanpa judul.
JFrame(String Judul)	• Pemberian nama pada jendela utama yang ditampilkan. • Membuat JFrame dengan judul.

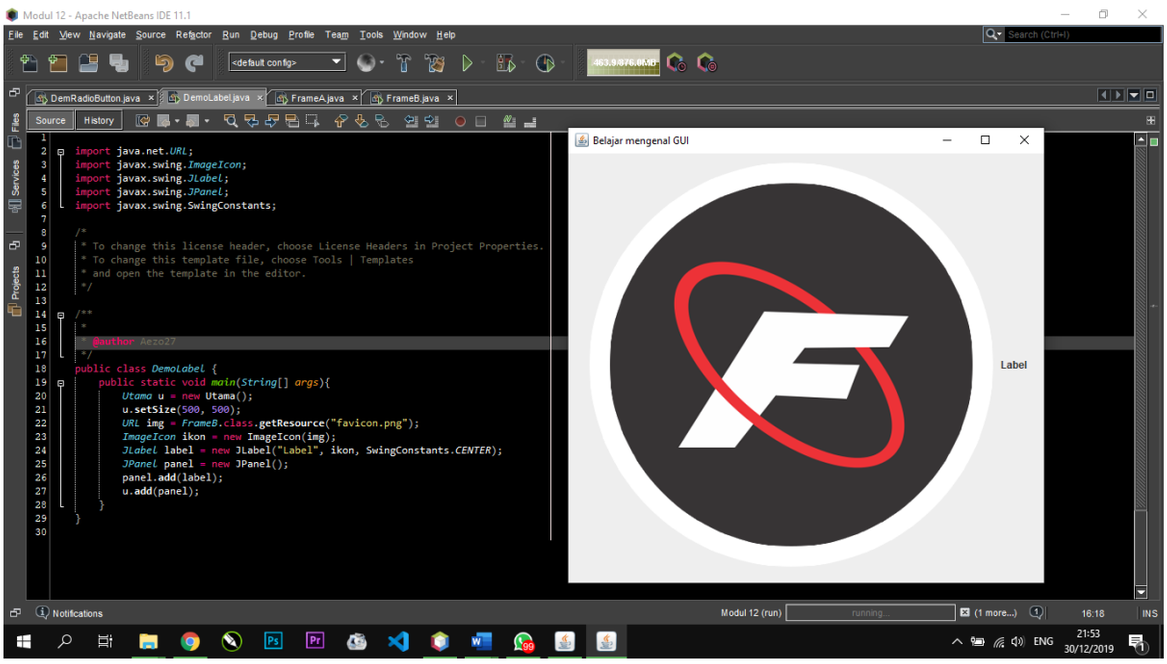
Metode	Keterangan
void setSize(int lebar, int tinggi)	Mengatur ukuran frame.
void setLocation(int x, int y)	Mengatur lokasi frame dihitung dari kiri atas.
void setVisible(boolean)	Menentukan JFrame ditampilkan atau tidak.
void setLocationRelativeTo(Component)	Menentukan letak JFrame relative dengan komponen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

JButton

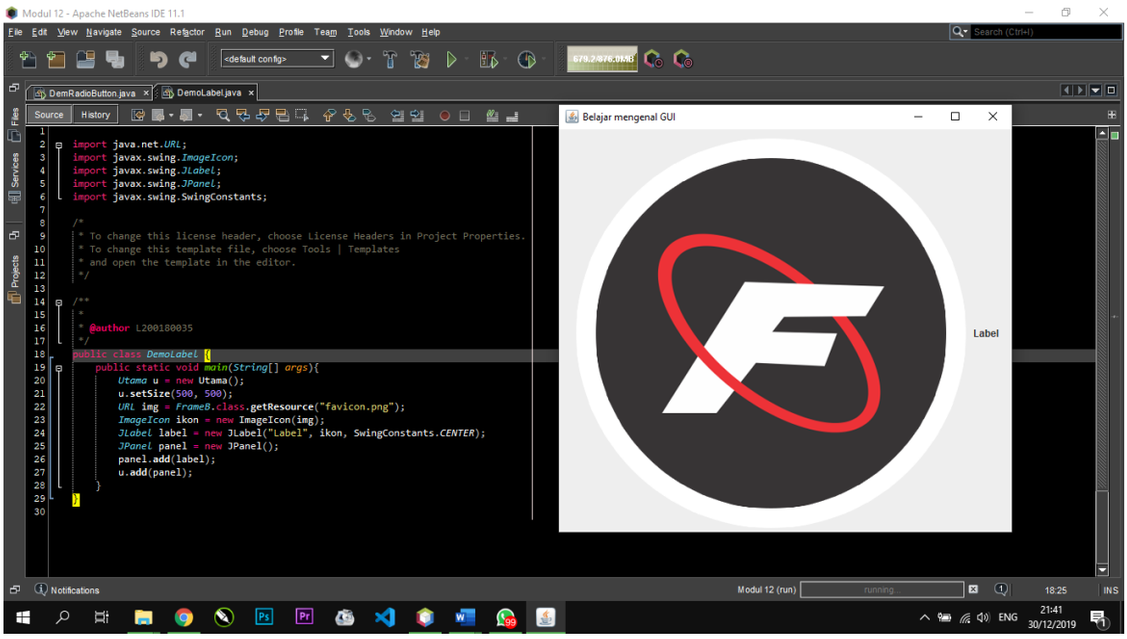


Konstruktor	Keterangan
JButton()	Membuat JButton tanpa teks maupun icon.
JButton(String teks)	Membuat JButton dengan teks.
JButton(Icon icon)	Membuat JButton dengan icon.
JButton(String teks, Icon icon)	Membuat JButton dengan teks dan icon.

Container

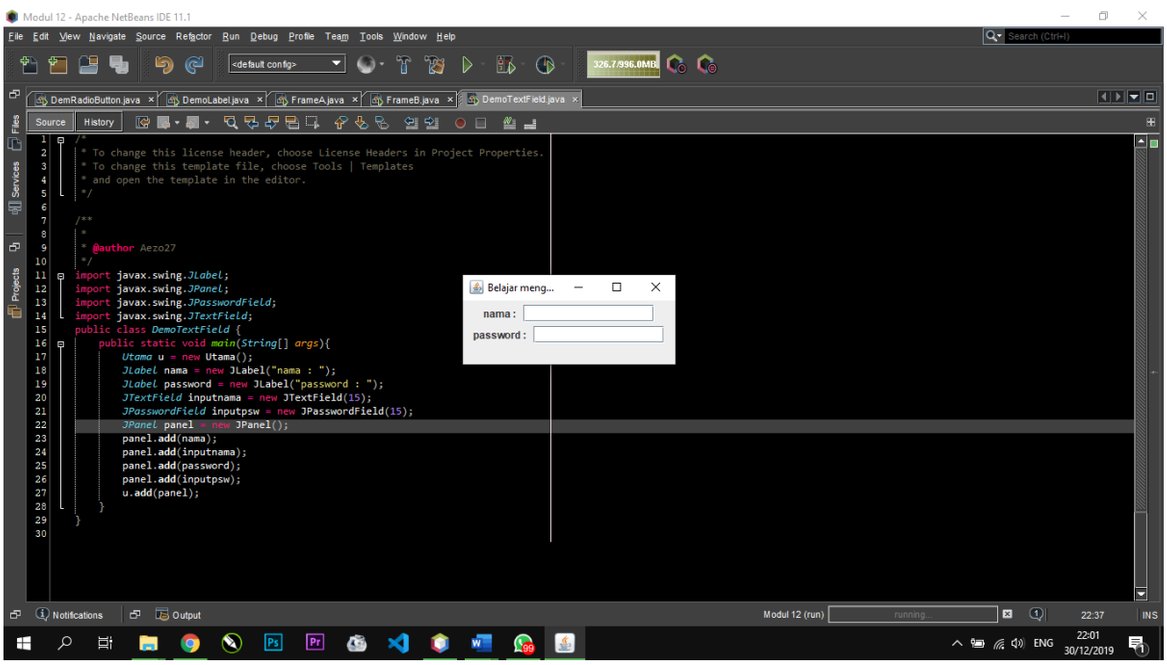


Jlabel



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.

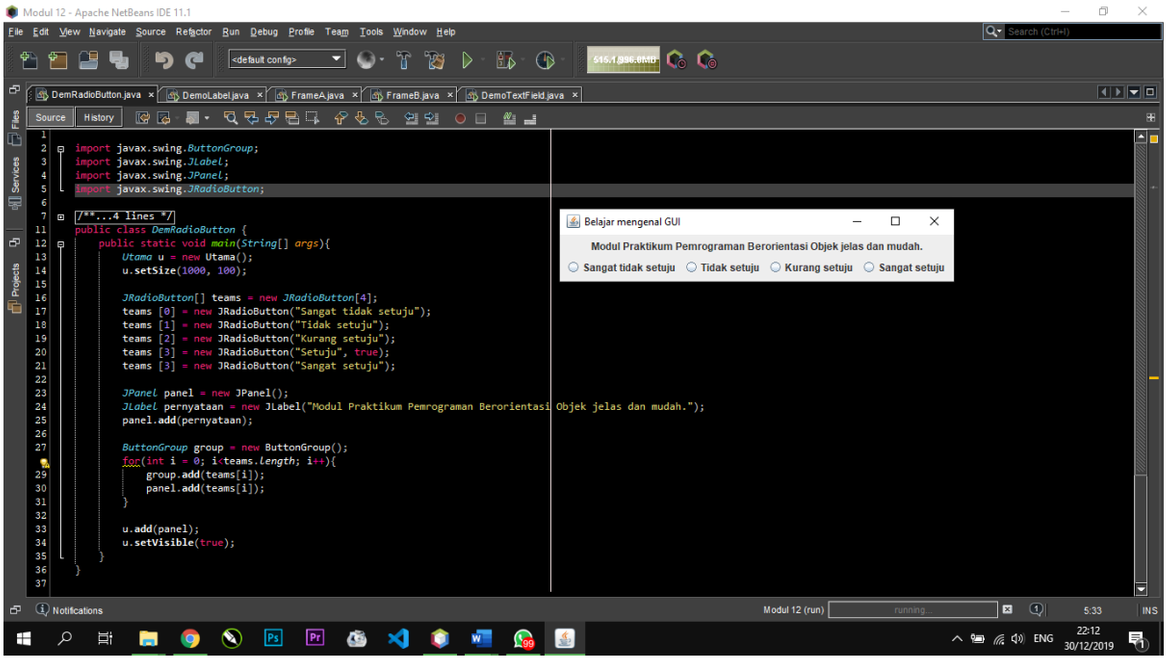
JtextField & JPasswordfield



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

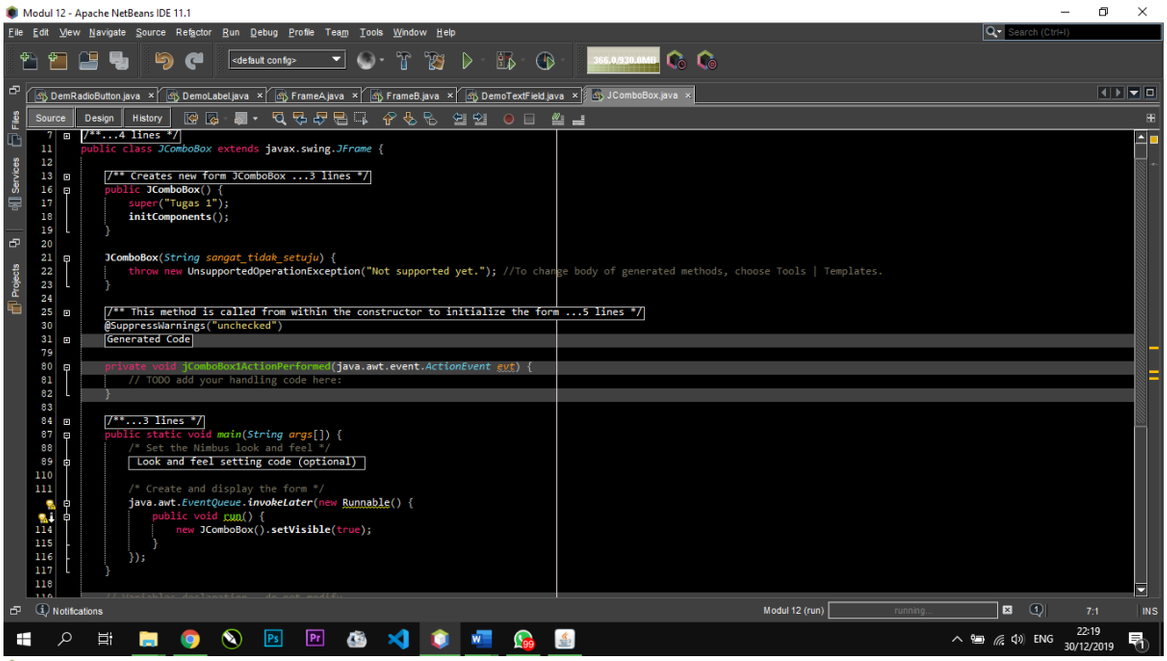


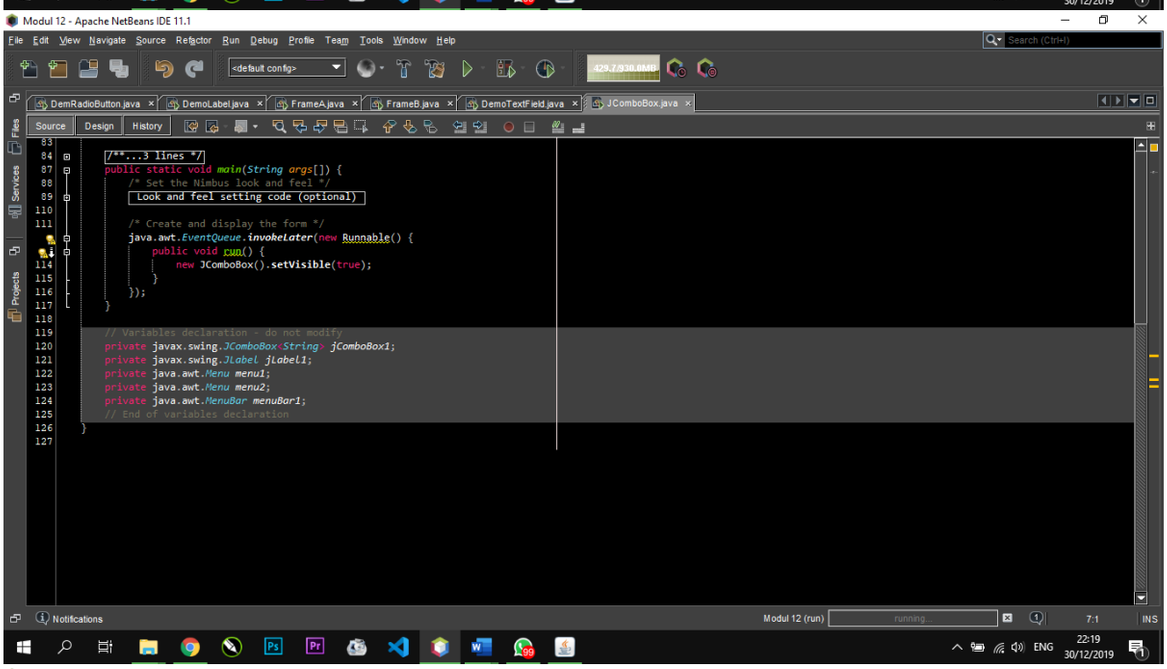
Konstruktor	Penjelasan
JCheckBox(String Teks)	Check box dengan teks yang ditentukan.
JCheckBox(String, Boolean)	Check box dengan teks yang ditentukan, jika kondisi pada parameter kedua true, maka Check box ini akan dipilih.
JCheckBox(icon)	Check box dengan gambar icon.
JCheckBox(icon, Boolean)	Check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

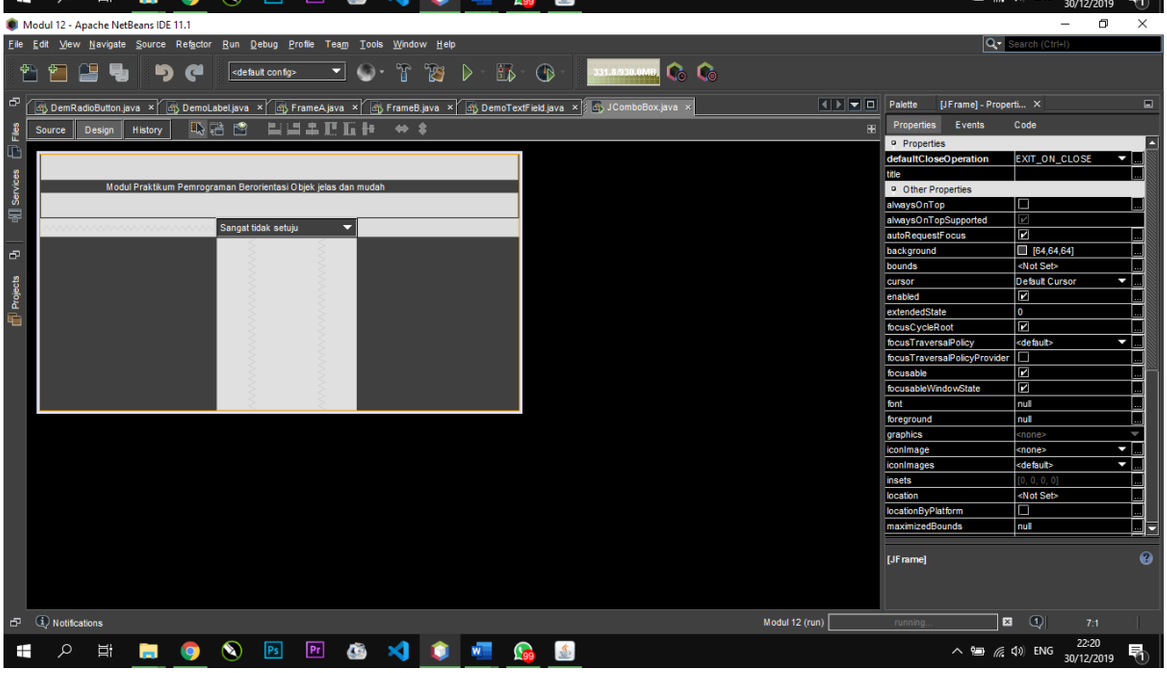
Tugas

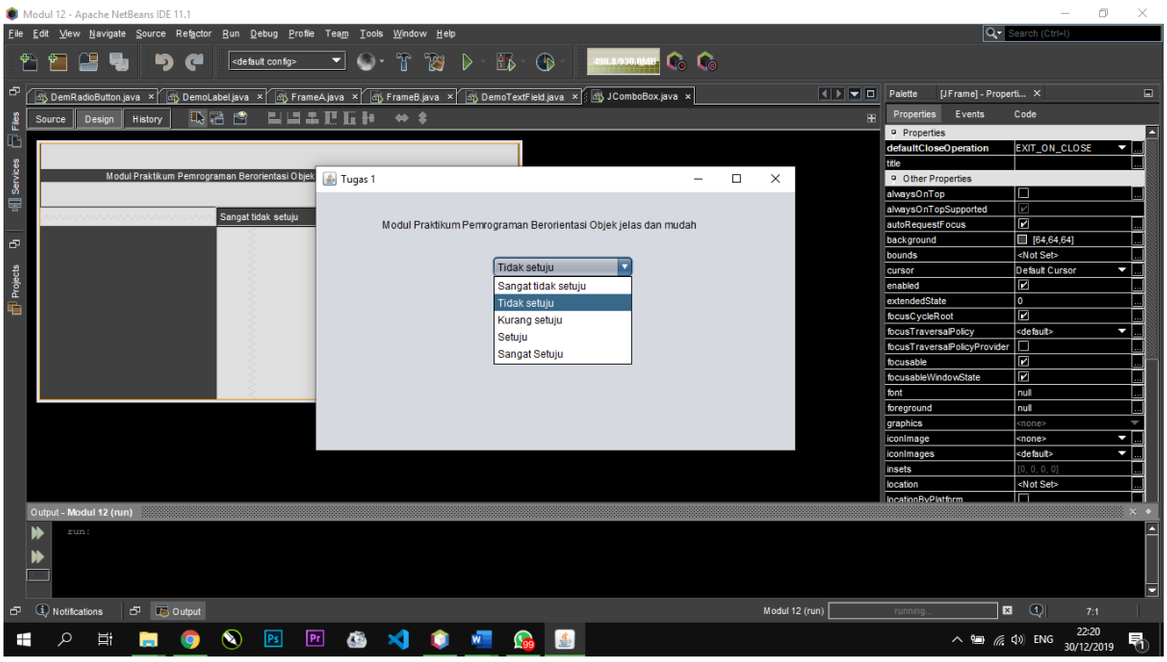
JComboBox

1.

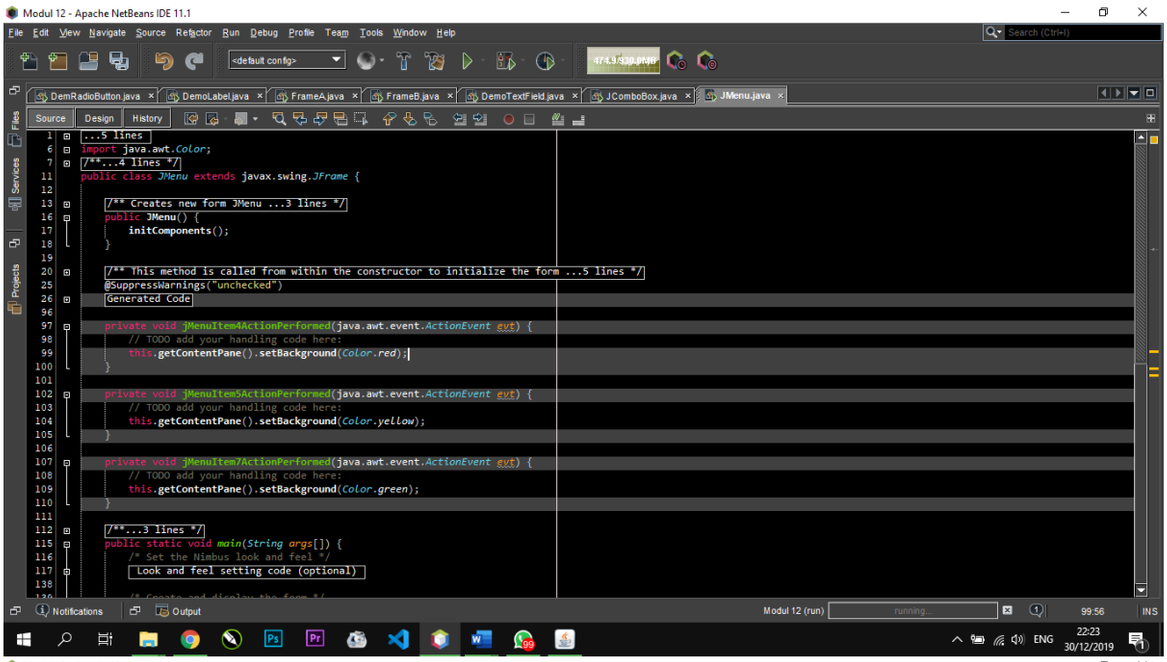


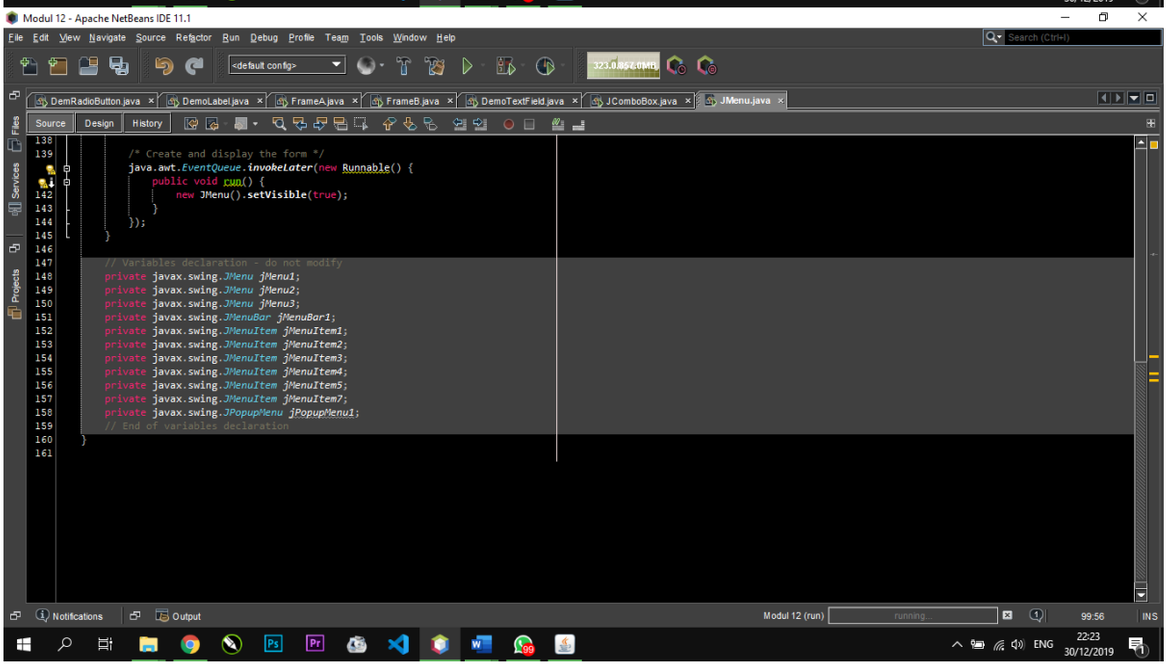


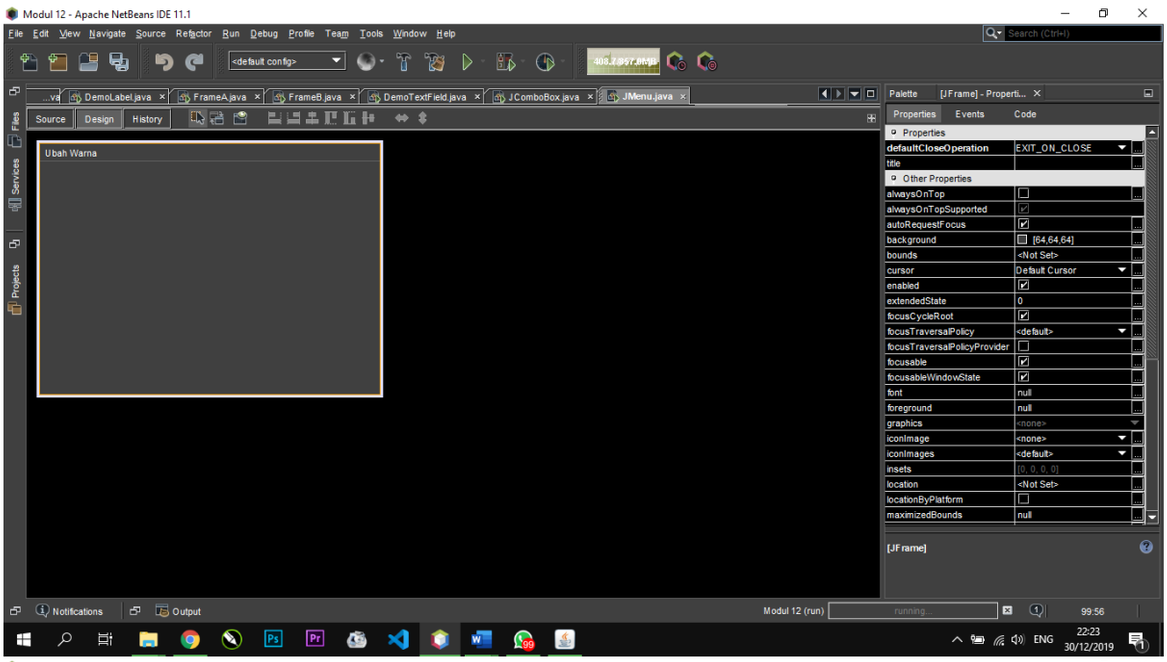


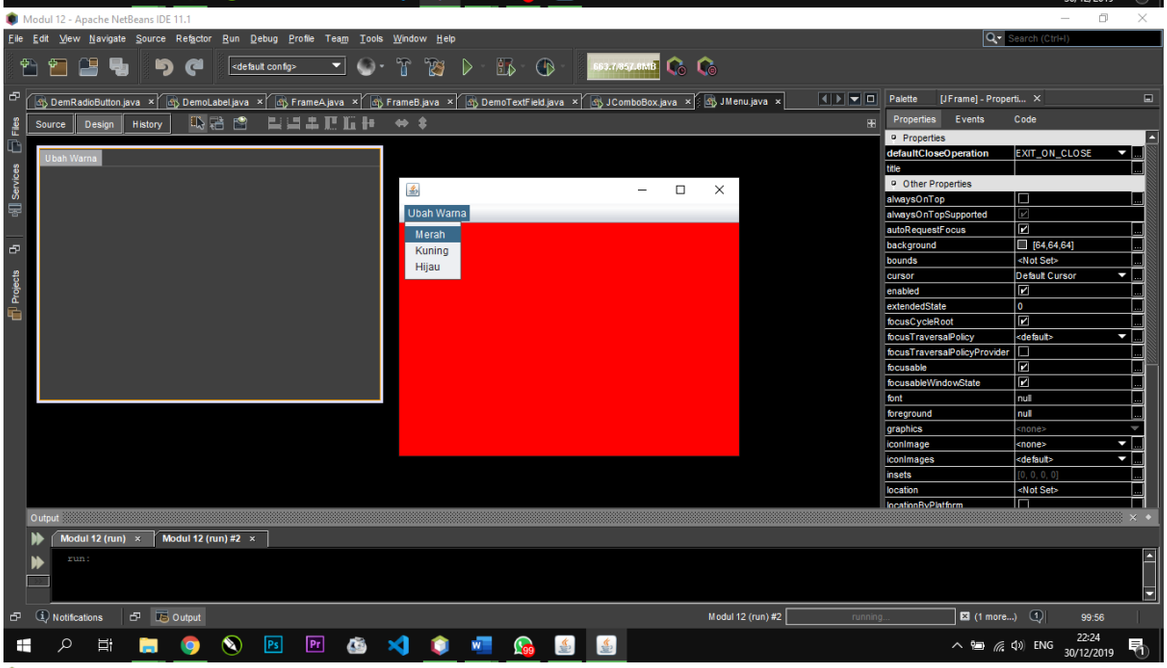

Modul 12 - Apache NetBeans IDE 11.1
Tugas 1
Modul Praktikum Pemrograman Berorientasi Objek jelas dan mudah
Tidak setuju
Sangat tidak setuju
Tidak setuju
Kurang setuju
Setuju
Sangat Setuju
Output - Modul 12 (run)
run:

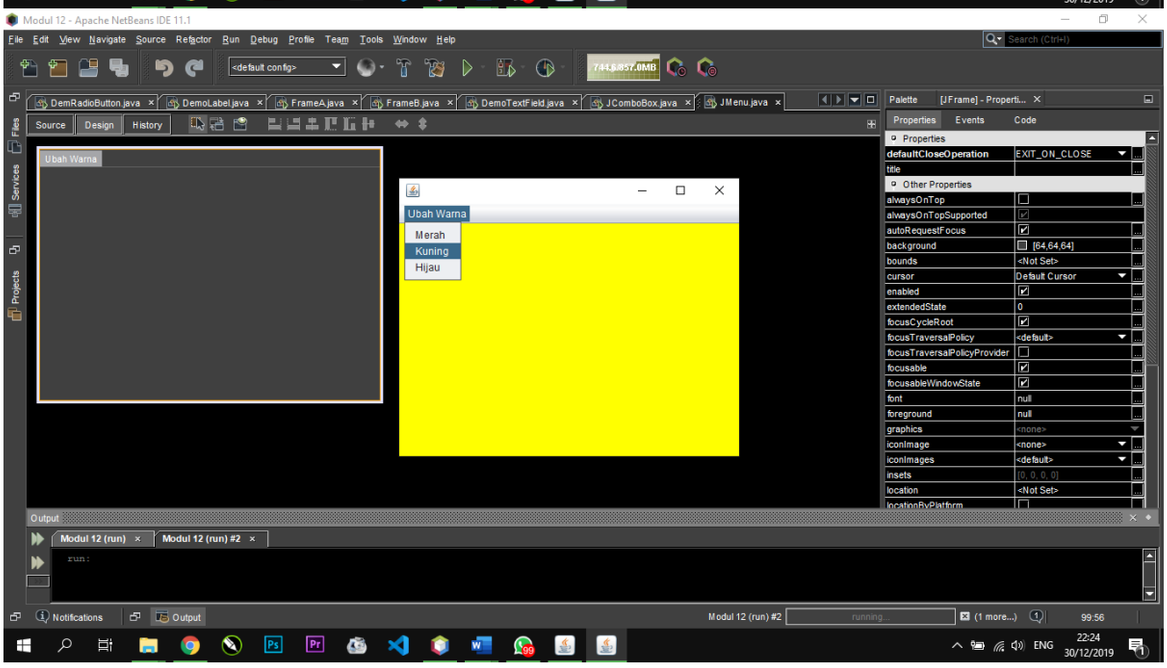
2


Modul 12 - Apache NetBeans IDE 11.1
JMenu.java
...5 lines
import java.awt.Color;
/**...4 lines */
public class JMenu extends javax.swing.JFrame {
/** Creates new form JMenu ...3 lines */
public JMenu() {
initComponents();
}
/** This method is called from within the constructor to initialize the form ...5 lines */
@SuppressWarnings("unchecked")
Generated Code
private void jMenuItem4ActionPerformed(java.awt.event.ActionEvent evt) {
// TODO add your handling code here:
this.getContentPane().setBackground(Color.red);
}
private void jMenuItem5ActionPerformed(java.awt.event.ActionEvent evt) {
// TODO add your handling code here:
this.getContentPane().setBackground(Color.yellow);
}
private void jMenuItem7ActionPerformed(java.awt.event.ActionEvent evt) {
// TODO add your handling code here:
this.getContentPane().setBackground(Color.green);
}
/**...3 lines */
public static void main(String args[]) {
/* Set the Nimbus look and feel */
Look and feel setting code (optional)


Modul 12 - Apache NetBeans IDE 11.1
JMenu.java
/* Create and display the form */
java.awt.EventQueue.invokeLater(new Runnable() {
public void run() {
new JMenu().setVisible(true);
}
});
}
// Variables declaration - do not modify
private javax.swing.JMenu jMenu1;
private javax.swing.JMenu jMenu2;
private javax.swing.JMenu jMenu3;
private javax.swing.JMenuBar jMenuBar1;
private javax.swing.JMenuItem jMenuItem1;
private javax.swing.JMenuItem jMenuItem2;
private javax.swing.JMenuItem jMenuItem3;
private javax.swing.JMenuItem jMenuItem4;
private javax.swing.JMenuItem jMenuItem5;
private javax.swing.JMenuItem jMenuItem7;
private javax.swing.JPopupMenu jPopupMenu1;
// End of variables declaration
}


Modul 12 - Apache NetBeans IDE 11.1
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
DemoLabel.java
FrameA.java
FrameB.java
DemoTextField.java
JComboBox.java
JMenu.java
Source Design History
Ubah Warna
Palette [JFrame] - Properti...
Properties Events Code
Properties
defaultCloseOperation EXIT_ON_CLOSE
title
Other Properties
alwaysOnTop
alwaysOnTopSupported
autoRequestFocus
background [64,64,64]
bounds <Not Set>
cursor Default Cursor
enabled
extendedState 0
focusCycleRoot
focusTraversalPolicy <default>
focusTraversalPolicyProvider
focusable
focusableWindowState
font null
foreground null
graphics <none>
iconImage <none>
iconImages <default>
insets [0, 0, 0, 0]
location <Not Set>
locationByPlatform
maximizedBounds null
[JFrame]
Notifications
Output
Modul 12 (run)
99:56
ENG
22:23
30/12/2019


Modul 12 - Apache NetBeans IDE 11.1
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
DemRadioButton.java
DemoLabel.java
FrameA.java
FrameB.java
DemoTextField.java
JComboBox.java
JMenu.java
Source Design History
Ubah Warna
Merah
Kuning
Hijau
Palette [JFrame] - Properti...
Properties Events Code
Properties
defaultCloseOperation EXIT_ON_CLOSE
title
Other Properties
alwaysOnTop
alwaysOnTopSupported
autoRequestFocus
background [64,64,64]
bounds <Not Set>
cursor Default Cursor
enabled
extendedState 0
focusCycleRoot
focusTraversalPolicy <default>
focusTraversalPolicyProvider
focusable
focusableWindowState
font null
foreground null
graphics <none>
iconImage <none>
iconImages <default>
insets [0, 0, 0, 0]
location <Not Set>
Output
Modul 12 (run)
Modul 12 (run) #2
run:
Notifications
Output
Modul 12 (run) #2
(1 more...)
99:56
ENG
22:24
30/12/2019


Modul 12 - Apache NetBeans IDE 11.1
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
DemRadioButton.java
DemoLabel.java
FrameA.java
FrameB.java
DemoTextField.java
JComboBox.java
JMenu.java
Source Design History
Ubah Warna
Merah
Kuning
Hijau
Palette [JFrame] - Properti...
Properties Events Code
Properties
defaultCloseOperation EXIT_ON_CLOSE
title
Other Properties
alwaysOnTop
alwaysOnTopSupported
autoRequestFocus
background [64,64,64]
bounds <Not Set>
cursor Default Cursor
enabled
extendedState 0
focusCycleRoot
focusTraversalPolicy <default>
focusTraversalPolicyProvider
focusable
focusableWindowState
font null
foreground null
graphics <none>
iconImage <none>
iconImages <default>
insets [0, 0, 0, 0]
location <Not Set>
Output
Modul 12 (run)
Modul 12 (run) #2
run:
Notifications
Output
Modul 12 (run) #2
(1 more...)
99:56
ENG
22:24
30/12/2019