**DERS 1**

package JFrameExamples;

import KISMI

public class JFrameExample1 {

public static void main(String[] args) {

JFrame frame = new JFrame("My Frame");

frame.setSize(300, 200);

frame.setLocationRelativeTo(null); // Frame'in merkeze gelmesini saglar...

// frame.setLocation(300,150);

// frame.setLayout(new FlowLayout(FlowLayout.RIGHT, 30, 20));

frame.setLayout(new FlowLayout(FlowLayout.CENTER, 50, 50));

JButton button = new JButton("OK");

frame.add(button);

JButton button2 = new JButton("HAYIR");

frame.add(button2);

frame.setVisible(true);

frame.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE); // Frame'in arka planda calismasini engeller.

}

}

**package** JOptionPanelExample;

import KISMI

**public** **class** **BasicExample** {

**public** **static** **void** **main**(**String**[] args) {

**String** **output** = " ";

**int** **sayi**[] = **new** **int**[7];

**for** (**int** **i** = 0; i < sayi.length; i++) {

sayi[i] = **Integer**.*parseInt*(**JOptionPane**.*showInputDialog*((i + 1) + ".elemani giriniz:"));

output += sayi[i] + " ";

}

output += "\n\n";

**for** (**int** **i** = 0; i < sayi.length; i++) {

**if** (i == 5)

**break**;

output += sayi[i] + " ";

**JOptionPane**.*showMessageDialog*(**null**, output, "Sonuclar", **JOptionPane**.***INFORMATION\_MESSAGE***);

}

}

}

**package** JOptionPanelExample;

import KISMI

**public** **class** **Degerlendirme** {

**public** **static** **void** **main**(**String**[] args) {

**int** **gecenler** = 0, **kalanlar** = 0, **i**, **ogrenciSayisi**, **sonuc** = 0;

**String** **output** = " ";

**do** {

**String** **sayi** = **JOptionPane**.*showInputDialog*(**null**, "Ogrenci sayisini giriniz:");

ogrenciSayisi = **Integer**.*parseInt*(sayi);

} **while** (ogrenciSayisi > 50 && ogrenciSayisi < 5);

**for** ( i = 1; i <= ogrenciSayisi; i++) {

sonuc = **Integer**.*parseInt*(**JOptionPane**.*showInputDialog*(**null**, i + ". Ogrenci icin sinav sonucunu giriniz:"

+ "\nOgrenci dersten gecti ise 1,gecmediyse 0 giriniz:"));

**if** (sonuc== 1)

gecenler++;

**else**

kalanlar++;

}

output += "Gecenler:" + gecenler ;

output += "\nKalanlar:" + kalanlar;

**if**(gecenler >= (**int**) (ogrenciSayisi \* 0.6)) {

output += "Tebrikler! Sinifin basarisi yuksektir.";

}

**else**

output += "Sinifin basarisi dusuktur.";

**JOptionPane**.*showMessageDialog*(**null**, output, "Sonuclar", **JOptionPane**.***INFORMATION\_MESSAGE***);

}

**DERS 2**

package JFrameExamples2;

import KISMI

public class EventAndListener extends JFrame implements ActionListener {

JButton button;

public static void main(String[] args) {

EventAndListener frame = new EventAndListener();

frame.setTitle("My Frame");

frame.setSize(300, 80);

frame.setLocationRelativeTo(null);

frame.setBackground(Color.MAGENTA);

frame.clickToButton();

frame.setVisible(true);

}

public void clickToButton() {

Container cont = getContentPane();

cont.setLayout(new FlowLayout());

button = new JButton("CLICK");

button.addActionListener(this);

cont.add(button);

}

@Override

public void actionPerformed(ActionEvent arg0) {

int length = 20;

int width = 10;

int area = length \* width;

String output = " " + area;

JOptionPane.showMessageDialog(null, output, "Area Calculator", JOptionPane.PLAIN\_MESSAGE);

}

}

package JFrameExamples2;

import KISMI

public class ShowBorderLayout extends JFrame {

public ShowBorderLayout() {

setLayout(new BorderLayout(5, 5)); // Satirlar ve sutunlar arasindaki fark

add(new JButton("South"), BorderLayout.SOUTH);

add(new JButton("Nort"), BorderLayout.NORTH);

add(new JButton("East"), BorderLayout.EAST);

add(new JButton("West"), BorderLayout.WEST);

add(new JButton("Center"), BorderLayout.CENTER);

}

public static void main(String[] args) {

ShowBorderLayout frame = new ShowBorderLayout();

frame.setSize(350, 200);

frame.setLocationRelativeTo(null);

frame.setVisible(true);

frame.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

}

}

}

package JFrameExamples2;

import KISMI

public class ShowBoxLayout extends JPanel {

public ShowBoxLayout() {

setLayout(new BorderLayout(10, 10));

JPanel panel = new JPanel();

panel.setLayout(new BoxLayout(panel, BoxLayout.Y\_AXIS));

panel.add(new JButton("button1"));

panel.add(new JButton("button2"));

panel.add(new JButton("button3"));

panel.add(new JButton("button4"));

add(panel, BorderLayout.WEST);

JPanel panel2 = new JPanel();

panel2.setLayout(new BoxLayout(panel2, BoxLayout.Y\_AXIS));

panel2.add(new JButton("button5"));

panel2.add(new JButton("button6"));

panel2.add(new JButton("button7"));

panel2.add(new JButton("button8"));

add(panel2, BorderLayout.CENTER);

JPanel panel3 = new JPanel();

panel.setLayout(new BoxLayout(panel3, BoxLayout.X\_AXIS));

JButton button = new JButton("Toplama");

button.setFont(new Font("Arial", Font.BOLD, 20));

button.setBackground(Color.BLACK);

panel3.add(button);

button = new JButton("Cikarma");

button.setBackground(Color.BLACK);

button.setFont(new Font("Arial", Font.ITALIC, 20));

panel3.add(button);

// panel3.add(new JButton("Toplama"));

// panel3.add(new JButton("Cikarma"));

add(panel3, BorderLayout.SOUTH);

}

public static void main(String[] args) {

ShowBoxLayout frame = new ShowBoxLayout();

frame.setSize(350, 250);

frame.setLocation(1000, 200);

frame.setVisible(true);

// frame.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

}

}

package JFrameExamples2;

import KISMI

public class ShowFlowLayout extends JFrame {

public ShowFlowLayout() {

setLayout(new FlowLayout(FlowLayout.LEFT, 5, 10)); // Frame soldan gelir,sutun ve satirlar arasindaki fark 5 olur.

add(new JLabel("Adi:"));

add(new JTextField(20));

add(new JLabel("Soyadi:"));

add(new JTextField(20));

add(new JLabel("Yas:"));

add(new JTextField(5));

}

public static void main(String[] args) {

ShowFlowLayout frame = new ShowFlowLayout();

frame.setSize(300, 200);

frame.setLocationRelativeTo(null);

frame.setVisible(true);

frame.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

}

}

package JFrameExamples2;

import KISMI

public class ShowGridLayout extends JFrame {

public ShowGridLayout() {

setLayout(new GridLayout(3, 2, 5, 5));

JLabel label = new JLabel("Adi:");

label.setForeground(Color.RED);

label.setFont(new Font("Times New Roman", Font.BOLD, 20));

label.setToolTipText("Adinizi giriniz:"); //Imlec ile üzerine gelindiginde gozukur

add(label);

add(new JTextField(3));

label = new JLabel("Soyadi:");

label.setForeground(Color.BLUE);

label.setFont(new Font("Times New Roman", Font.ITALIC, 20));

label.setToolTipText("Soyadinizi giriniz:");

add(label);

add(new JTextField(8));

label = new JLabel("Yasi:");

label.setForeground(Color.BLACK);

label.setFont(new Font("Times New Roman", Font.PLAIN, 22));

label.setToolTipText("Yasinizi giriniz:");

add(label);

add(new JTextField(8));

}

public static void main(String[] args) {

ShowGridLayout frame = new ShowGridLayout();

frame.setSize(350, 200);

frame.setLocationRelativeTo(null);

frame.setVisible(true);

frame.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

}

}

**DERS 3**

package tr.edu.halic.programlama.ders3;

import KISMI

public class Game1 extends JFrame implements ActionListener {

private JButton button;

private JTextField gelenler, results;

private Random rand;

public static void main(String[] args) {

Game1 game = new Game1();

game.setTitle("Game");

game.setLocationRelativeTo(null);

game.setSize(300, 150);

game.create();

game.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

game.setVisible(true);

}

private void create() {

Container cont = getContentPane();

cont.setLayout(new GridLayout(3, 3, 15,15));

button = new JButton("THROW");

button.setFont(new Font("Times New Roman", Font.BOLD, 30));

button.setForeground(Color.RED);

button.setBackground(Color.BLACK);

cont.add(button);

gelenler = new JTextField(14);

cont.add(gelenler);

results = new JTextField(10);

cont.add(results);

rand = new Random();

button.addActionListener(this);// tiklama

}

@Override

public void actionPerformed(ActionEvent e) {

int numb1, numb2;

numb1 = rand.nextInt(6) + 1;

numb2 = rand.nextInt(6) + 1;

gelenler.setText("first number:" + Integer.toString(numb1) + "\t" + "second number:" + Integer.toString(numb2));

if (numb1 == numb2) {

results.setText("WINNER");

} else

results.setText("FAIL!!!");

}

}

package tr.edu.halic.programlama.ders3;

import KISMI

public class Game2 extends JFrame implements ActionListener {

private JButton button;

private JTextField gelenler, results;

private Random rand;

public static void main(String[] args) {

Game2 game = new Game2();

game.setTitle("Game");

game.setLocationRelativeTo(null);

game.setSize(300, 150);

game.create();

game.setVisible(true);

}

private void create() {

Container cont = getContentPane();

cont.setLayout(new FlowLayout());

button = new JButton("THROW");

button.setFont(new Font("Times New Roman", Font.BOLD, 30));

button.setForeground(Color.RED);

cont.add(button);

button.addActionListener(this);// tiklama

}

@Override

public void actionPerformed(ActionEvent e) {

JFrame frame = new JFrame("Results");

frame.setLocationRelativeTo(null);

frame.setSize(300, 100);

frame.setVisible(true);

frame.setDefaultCloseOperation(frame.EXIT\_ON\_CLOSE);

Container cont = frame.getContentPane();

cont.setLayout(new GridLayout(2, 1, 40, 14));

gelenler = new JTextField(14);

cont.add(gelenler);

results = new JTextField(10);

cont.add(results);

rand = new Random();

button.addActionListener(this);// tiklama

int numb1, numb2;

numb1 = rand.nextInt(6) + 1;

numb2 = rand.nextInt(6) + 1;

gelenler.setText("first number:" + Integer.toString(numb1) + "\t" + "second number:" + Integer.toString(numb2));

if (numb1 == numb2) {results.setText("WINNER!!!");}

else results.setText("FAIL!!!");

}

}

package tr.edu.halic.programlama.ders3;

import KISMI

public class MikrodalgaKapagiOrnek extends JFrame {

public MikrodalgaKapagiOrnek() {

JPanel jp1 = new JPanel();

jp1.setLayout(new GridLayout(4, 3)); // 4 satir ve 3 sutundan olusur.

for (int i = 1; i <= 9; i++) { // 1'den 9'a kadar butonlar eklenir.

jp1.add(new JButton("" + i));

}

jp1.add(new JButton("0"));

jp1.add(new JButton("Basla"));

jp1.add(new JButton("Dur"));

JPanel jp2 = new JPanel();

jp2.setLayout(new BorderLayout());

jp2.add(jp1, BorderLayout.EAST);

jp2.add(new JTextField("Zamani Sec"), BorderLayout.NORTH);

jp2.add(new JButton("Yiyecekler"), BorderLayout.CENTER);

add(jp2);

}

public static void main(String[] args) {

MikrodalgaKapagiOrnek mikrodalga = new MikrodalgaKapagiOrnek();

mikrodalga.setTitle("Mikrodalga Firin Kapagi");

mikrodalga.setSize(400, 250);

mikrodalga.setLocationRelativeTo(null);

mikrodalga.setDefaultCloseOperation(EXIT\_ON\_CLOSE);

mikrodalga.setVisible(true);

}

}

package tr.edu.halic.programlama.ders3;

import KISMI

public class Sayac extends JFrame implements ActionListener {

private int i;

private JButton button;

public static void main(String[] args) {

Sayac sayac = new Sayac();

sayac.setTitle("Sayac");

sayac.setLocationRelativeTo(null);

sayac.setLocation(300, 300);

sayac.artir();

sayac.setVisible(true);

sayac.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

}

public void artir() {

Container cont = getContentPane(); // container, getContentPane() methoduyla cagirilir ve aktiflestirilir.

cont.setLayout(new FlowLayout());

button = new JButton("CLICK");

button.setForeground(Color.RED);

button.setBackground(Color.BLACK);

button.setToolTipText("CLICK TO BUTTON");

button.addActionListener(this);

cont.add(button);

}

@Override

public void actionPerformed(ActionEvent arg0) {

i = i + 1;

JOptionPane.showMessageDialog(null, "Button" + i, "Sonuclar", JOptionPane.INFORMATION\_MESSAGE);

}

}

**DERS 4**

package tr.edu.halic.programlama.ders4;

import KISMI

public class AdminPanel extends JFrame implements ActionListener {

static final char[] truePassword = { 'h', 'l', 'd', 'r' };

private JButton jbOnay;

private JButton jbExit;

private JTextField UserName;

private JPasswordField jpw;

public static void main(String[] args) {

AdminPanel admin = new AdminPanel();

admin.setTitle("User Login");

admin.setSize(300, 200);

admin.setLocationRelativeTo(null);

admin.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

admin.create();

admin.setVisible(true);

}

public void create() {

Container cont = getContentPane();

cont.setLayout(new FlowLayout());

JLabel label1 = new JLabel("User:");

JLabel label2 = new JLabel("Password:");

UserName = new JTextField();

UserName.setPreferredSize(new Dimension(20, 30)); // Kutucugun genisligi ve uzunlugu degisiyor.

jpw = new JPasswordField();

jpw.setPreferredSize(new Dimension(200, 30));

// sifre karakteri sec.

jpw.setEchoChar('\*'); // Parolayı \* olarak gizler.

// etiket bilesenini text alanını gosterecek sekilde ayarla.

label1.setLabelFor(UserName);

label2.setLabelFor(jpw);

jbOnay = new JButton("ONAY");

jbOnay.setPreferredSize(new Dimension(70, 30));

jbExit = new JButton("EXIT");

jbExit.setPreferredSize(new Dimension(70, 30));

jbOnay.addActionListener(this);

jbExit.addActionListener(this);

cont.add(label1);

cont.add(UserName);

cont.add(jpw);

cont.add(jbOnay);

cont.add(jbExit);

// Frame'i tekrardan olusturur.

repaint();

}

@Override

public void actionPerformed(ActionEvent e) {

selectCommand(e);

}

public void selectCommand(ActionEvent e) {

String command = e.getActionCommand();

if (command.equals("ONAY")) {

} else {

System.exit(0); // sistemden cikildi.

}

}

public boolean passwordTrue(char[] pwd) {

boolean result = true;

if (pwd.length != truePassword.length) {

return false;

}

result = Arrays.equals(pwd, truePassword);

return result;

}

}

**package** tr.edu.halic.programlama.ders4;

import KISMI

**public** **class** **CheckBox1** **extends** **JFrame** {

**private** **ImageIcon** ic1 = **new** ImageIcon("C:\\Users\\HİLAL\\Desktop\\ic1.jpg") ;

**private** **ImageIcon** ic2 = **new** ImageIcon("C:\\Users\\HİLAL\\Desktop\\ic2.jpg") ;

**private** **ImageIcon** ic3 = **new** ImageIcon("C:\\Users\\HİLAL\\Desktop\\ic3.jpg") ;

**private** **JCheckBox** chb1 = **new** JCheckBox("Basic", ic1, **false**);

**private** **JCheckBox** chb2 = **new** JCheckBox("Kalin", ic2, **false**);

**private** **JCheckBox** chb3 = **new** JCheckBox("Italik", ic3, **false**);

**private** **JTextArea** area = **new** JTextArea("Computer Programming");

**public** **CheckBox1**() {

**Container** **cont** = getContentPane();

**JPanel** **jp** = **new** JPanel();

jp.setLayout(**new** GridLayout(3, 1));

jp.add(chb1);

jp.add(chb2);

jp.add(chb3);

**ButtonGroup** **bg** = **new** ButtonGroup();

bg.add(chb1);

bg.add(chb2);

bg.add(chb3);

cont.setLayout(**new** BorderLayout());

cont.add(jp, **BorderLayout**.***EAST***);

cont.add(area, **BorderLayout**.***WEST***);

chb1.addActionListener(**new** ActionListener() {

***@Override***

**public** **void** **actionPerformed**(**ActionEvent** arg0) {

**System**.***out***.println(chb1.isSelected());

area.setFont(**new** Font("Courier", **Font**.***PLAIN***, 20));

area.setForeground(**Color**.***RED***);

area.setBackground(**Color**.***BLACK***);

}

});

chb2.addActionListener(**new** ActionListener() {

***@Override***

**public** **void** **actionPerformed**(**ActionEvent** arg0) {

**System**.***out***.println(chb2.isSelected());

area.setFont(**new** Font("Courier", **Font**.***BOLD***, 20));

area.setForeground(**Color**.***RED***);

area.setBackground(**Color**.***WHITE***);

}

});

chb3.addActionListener(**new** ActionListener() {

***@Override***

**public** **void** **actionPerformed**(**ActionEvent** e) {

**System**.***out***.println(chb3.isSelected());

area.setFont(**new** Font("Courier", **Font**.***ITALIC***, 20));

area.setForeground(**Color**.***WHITE***);

area.setBackground(**Color**.***BLACK***);

}

});

chb1.setSelected(**true**);

}

**public** **static** **void** **main**(**String**[] args) {

**CheckBox1** **cb1** = **new** CheckBox1();

cb1.setTitle("My Check Box");

cb1.setSize(600, 350);

cb1.setLocation(500, 200);

cb1.setVisible(**true**);

cb1.setDefaultCloseOperation(**JFrame**.***EXIT\_ON\_CLOSE***);

}

}

**DERS 5**

**package** tr.edu.halic.programlama.ders5.radio;

import KISMI

**public** **class** **Radio** {

**final** **double** maxSoundLevel = 120;

**final** **double** minSoundLevel = 0;

**double** currentSoundLevel;

**final** **double** minFrekansLevel = 108;

**final** **double** maxFrekansLevel = 87.5;

**double** currentFrekans;

**boolean** on;

**public** **Radio**() {

on = **false**;

currentSoundLevel = 80;

currentFrekans = 99.5;

}

**public** **Radio**(**boolean** beginningStatus, **double** beginningSoundLevel, **double** beginningFrekansLevel) {

on = beginningStatus;

currentSoundLevel = beginningSoundLevel;

currentFrekans = beginningFrekansLevel;

}

**public** **void** **onAndOffRadio**() {

**if** (on == **true**)

on = **false**;

**else**

on = **true**;

}

**public** **void** **onSound**(**double** onAmount) {

**if** (on = **false**) {

**JOptionPane**.*showMessageDialog*(**null**, "Turn on the radio", "Warning", **JOptionPane**.***WARNING\_MESSAGE***);

} **else** {

**if** ((currentSoundLevel + onAmount) > maxSoundLevel)

currentSoundLevel = maxSoundLevel;

**else** {

currentSoundLevel = currentSoundLevel + onAmount;

}

}

}

**public** **void** **muteSound**(**double** onAmount) {

**if** (on = **false**) {

**JOptionPane**.*showMessageDialog*(**null**, "Mute sound the radio", "Warning", **JOptionPane**.***WARNING\_MESSAGE***);

} **else** {

**if** ((currentSoundLevel - onAmount) < maxSoundLevel)

currentSoundLevel = maxSoundLevel;

**else** {

currentSoundLevel = currentSoundLevel - onAmount;

}

}

}

**public** **void** **changeFrekans**(**double** newFrekans) {

**if** (on = **false**) {

**JOptionPane**.*showMessageDialog*(**null**, "Turn on the Radio", "Warning", **JOptionPane**.***WARNING\_MESSAGE***);

} **else** {

**if** ((minFrekansLevel < newFrekans) && (newFrekans <= maxFrekansLevel))

currentFrekans = newFrekans;

}

}

}

**package** tr.edu.halic.programlama.ders5.radio;

import KISMI

**public** **class** **UserGraphicRadio** **extends** **JFrame** **implements** ActionListener {

**static** **UserGraphicRadio** *r*;

**static** **Radio** *radio*;

**private** **JButton** onAndOff = **new** JButton("Turn On/Turn Off");

**private** **JLabel** frekans = **new** JLabel("Frekans");

**private** **JTextField** frekansField = **new** JTextField(5);

**private** **JButton** changeFrekans = **new** JButton("Change Frekans");

**private** **JLabel** soundLevel = **new** JLabel("On Sound");

**private** **JTextField** soundLevelField = **new** JTextField(5);

**private** **JButton** onSound = **new** JButton("On Sound");

**private** **JButton** muteSound = **new** JButton("Mute Sound");

**private** **JTextArea** printArea = **new** JTextArea(3, 12);

**public** **UserGraphicRadio**() {

**Container** **cont** = getContentPane();

setTitle("RADIO");

setSize(180, 280);

setLocationRelativeTo(**null**);

cont.setLayout(**new** FlowLayout());

cont.add(onAndOff);

cont.add(frekans);

cont.add(onAndOff);

cont.add(frekansField);

cont.add(onSound);

cont.add(soundLevelField);

cont.add(soundLevel);

cont.add(muteSound);

cont.add(printArea);

onAndOff.addActionListener(**this**); // Bir kere cagirilir (this)

changeFrekans.addActionListener(**this**);

onSound.addActionListener(**this**);

muteSound.addActionListener(**this**);

setDefaultCloseOperation(**JFrame**.***EXIT\_ON\_CLOSE***);

setVisible(**true**);

}

**public** **static** **void** **main**(**String**[] args) {

*r* = **new** UserGraphicRadio();

*radio* = **new** Radio();

}

***@Override***

**public** **void** **actionPerformed**(**ActionEvent** event) {

**if** (event.getSource() == onAndOff) { // If event equals on and off button

*radio*.onAndOffRadio();

printArea.setText(

"On: " + *radio*.on + "\n" + *radio*.currentFrekans + "\nSoundLevel: " + *radio*.currentSoundLevel);

}

**if** (event.getSource() == changeFrekans) {

**String** **enteredFrekans** = frekansField.getText();

**if** (enteredFrekans.length() == 0)

printArea.setText("Enter the frekans value");

**else** {

**double** **newFrekans** = **Double**.*parseDouble*(enteredFrekans);

*radio*.changeFrekans(newFrekans);

}

}

**if** (event.getSource() == onSound) {

**String** **enteredSoundLevel** = soundLevelField.getText();

**if** (enteredSoundLevel.length() == 0)

printArea.setText("Enter the sound level");

**else** {

**double** **newSound** = **Double**.*parseDouble*(enteredSoundLevel);

*radio*.onSound(newSound);

}

}

**if** (event.getSource() == muteSound) {

**String** **muteSound** = soundLevelField.getText();

**if** (muteSound.length() == 0)

printArea.setText("Enter the sound level");

**else** {

**double** **newSound** = **Double**.*parseDouble*(muteSound);

*radio*.muteSound(newSound);

}

printArea.setText("On: " + *radio*.on + "\nFrekans: " + *radio*.currentFrekans + "\nSoundLevel: "

+ *radio*.currentSoundLevel);

}

}

}

**DERS 6**

**package** tr.edu.halic.programlama.ders5;

import KISMI

**public** **class** **KareKGA** **extends** **JFrame** **implements** ActionListener {

**private** **double** sideLength = 0;

**private** **double** cevre, alan;

**private** **JLabel** etiket = **new** JLabel("Kenar Uzunlugu");

**private** **JTextField** metinAlani = **new** JTextField(5);

**private** **JButton** button = **new** JButton("Hesapla");

**private** **JTextArea** printArea = **new** JTextArea(2, 20); // 2 satir,20 sutun sayisi (pixel cinsinden)

**public** **KareKGA**() {

setTitle("Cevre ve Alan Hesabi/Kare");

setSize(300, 200);

setLocation(300, 300);

setLayout(**new** FlowLayout());

add(etiket);

add(metinAlani);

add(button);

add(printArea);

button.addActionListener(**this**);

setVisible(**true**);

}

**public** **static** **void** **main**(**String**[] args) {

**KareKGA** **frame** = **new** KareKGA();

}

***@Override***

**public** **void** **actionPerformed**(**ActionEvent** e) {

**String** **length** = metinAlani.getText();

**if** (length.length() == 0) {

printArea.setText("Kenar uzunlugu girmelisiniz");

} **else** {

**try** {

sideLength = **Double**.*parseDouble*(metinAlani.getText());

cevre = CevreHesapla(sideLength);

alan = AlanHesapla(sideLength);

printArea.setText("Karenin Cevresi" + cevre + "\nAlani:" + alan);

} **catch** (**Exception** **ex**) {

printArea.setText("Duzgun format kullanmalisiniz.");

ex.printStackTrace();

}

}

}

**public** **double** **CevreHesapla**(**double** k) {

**return** 4 \* k;

}

**public** **double** **AlanHesapla**(**double** k) {

**return** k \* k;

}

}

**package** tr.edu.halic.programlama.ders5;

**import** java.util.Scanner;

**public** **class** **kelime** {

**public** **static** **void** **main**(**String**[] args) {

**String** **cumle**,**harf**;

**int** **harfSayisi** = 0;

**Scanner** **input** = **new** Scanner(**System**.***in***);

**System**.***out***.println("Bir cümle giriniz: ");

cumle = input.nextLine();

**System**.***out***.println("Bir harf giriniz: ");

harf = input.next();

**for**(**int** **i** = 0; i < cumle.length() - 1;i++)

{

**if**(cumle.substring(i,i+1).equals(harf))

harfSayisi++;

}

**System**.***out***.println(harf + " harfi " + harfSayisi + " defa tekrar etmiştir.");

}

}

**package** tr.edu.halic.programlama.ders5;

import KISMI

**public** **class** **PrintToMonitor** **extends** **JFrame** **implements** ActionListener {

**private** **JTextField** MetinAlani = **new** JTextField(12);

**private** **JButton** button = **new** JButton("Ekrana Yazdir");

**private** **JLabel** etiket = **new** JLabel("Bir yazi yazdirip buttona tiklayin");

**public** **static** **void** **main**(**String**[] args) {

**PrintToMonitor** **print** = **new** PrintToMonitor();

print.setDefaultCloseOperation(**JFrame**.***EXIT\_ON\_CLOSE***);

print.setVisible(**true**);

}

**public** **PrintToMonitor**() {

setSize(200,200);

**Container** **cont** = getContentPane();// Frame'in icindeki bir alan.Fram'i dahil etmek icin olusturulur.

cont.setLayout(**new** FlowLayout());

cont.add(MetinAlani);

cont.add(button);

cont.add(etiket);

button.addActionListener(**this**);

}

***@Override***

**public** **void** **actionPerformed**(**ActionEvent** arg0) {

**String** **metin** = MetinAlani.getText();

etiket.setText("Yazilan Metin:" + metin);

}

}

**package** tr.edu.halic.programlama.ders5;

import KISMI

**public** **class** **PrintToMonitor2** **extends** **JFrame** {

**private** **JTextField** MetinAlani = **new** JTextField(12);

**private** **JButton** button = **new** JButton("Ekrana Yazdir");

**private** **JLabel** etiket = **new** JLabel("Bir yazi yazdirip buttona tiklayin");

**private** **JTextArea** metinAlani2 = **new** JTextArea(3,12);

**private** **JScrollPane** pane = **new** JScrollPane(metinAlani2);

**public** **static** **void** **main**(**String**[] args) {

**PrintToMonitor2** **print** = **new** PrintToMonitor2();

print.setDefaultCloseOperation(**JFrame**.***EXIT\_ON\_CLOSE***);

print.setLocation(200,200);

print.setVisible(**true**);

}

**public** **PrintToMonitor2**() {

setSize(200, 200);

**Container** **cont** = getContentPane();// Frame'in icindeki bir alan.Fram'i dahil etmek icin olusturulur.

cont.setLayout(**new** FlowLayout());

cont.add(MetinAlani);

cont.add(button);

cont.add(etiket);

cont.add(metinAlani2);

cont.add(pane);

button.addActionListener(**new** ActionListener() {

***@Override***

**public** **void** **actionPerformed**(**ActionEvent** arg0) {

**String** **metin** = MetinAlani.getText();

etiket.setText("Yazilan Metin:\n" + metin);

metinAlani2.setText("Ekrana girdiginiz yazi: \n" + metin);

}

});

}

**package** tr.edu.halic.programlama.ders5;

import KISMI

**public** **class** **PrintToMonitor3** **extends** **JFrame** {

**private** **JTextField** MetinAlani = **new** JTextField(12);

**private** **JButton** button = **new** JButton("Ekrana Yazdir");

**private** **JLabel** etiket = **new** JLabel("Bir yazi yazdirip buttona tiklayin");

**public** **static** **void** **main**(**String**[] args) {

**PrintToMonitor3** **print** = **new** PrintToMonitor3();

print.setDefaultCloseOperation(**JFrame**.***EXIT\_ON\_CLOSE***);

print.setLocation(200,200);

print.setVisible(**true**);

}

**public** **PrintToMonitor3**() {

setPreferredSize(**new** Dimension(300,300));

**Container** **cont** = getContentPane();// Frame'in icindeki bir alan.Fram'i dahil etmek icin olusturulur.

cont.setLayout(**new** FlowLayout());

MetinAlani.setPreferredSize(**new** Dimension(300,100));

cont.add(MetinAlani);

cont.add(button);

cont.add(etiket);

button.addActionListener(**new** ActionListener() {

***@Override***

**public** **void** **actionPerformed**(**ActionEvent** arg0) {

**String** **metin** = MetinAlani.getText();

etiket.setText("Yazilan Metin:" + metin);

}

});

pack();

}

}