



modul6kamus Class::

Keterangan Source Code :

[illegible]



Tugas Asistensi

Package modul6kamus.controller

KamusController Class:

```
package modul6kamus.controller;
import modul6kamus.data.Data;
import modul6kamus.model.Kamus;
public class KamusController {
    public void insertDataKamus() {
        Kamus k = new Kamus("baju", "dress",
"asdfghjsdghjdfghjk", "asdfghjksdfghjkldfghjkl");
        Data.kamusArr.add(k);
        Kamus k1 = new Kamus("kambing", "goat",
"asdfghjsdghjdfghjk", "asdfghjksdfghjkldfghjkl");
        Data.kamusArr.add(k1);
        Kamus k2 = new Kamus("laki-laki", "man",
"asdfghjsdghjdfghjk", "asdfghjksdfghjkldfghjkl");
        Data.kamusArr.add(k2);
        Kamus k3 = new Kamus("hitam", "black",
"asdfghjsdghjdfghjk", "asdfghjksdfghjkldfghjkl");
        Data.kamusArr.add(k3);
        Kamus k4 = new Kamus("kursi", "chair",
"asdfghjsdghjdfghjk", "asdfghjksdfghjkldfghjkl");
        Data.kamusArr.add(k4);
        Kamus k5 = new Kamus("papan tulis", "whiteboard",
"asdfghjsdghjdfghjk", "asdfghjksdfghjkldfghjkl");
        Data.kamusArr.add(k5);
    }
    public String searchWord(String q, int status) {
        String text = null;
        for (int i = 0; i < Data.kamusArr.size(); i++) {
            if (status == 1) {
                if
(Data.kamusArr.get(i).getEn().equals(q)) {
                    text = Data.kamusArr.get(i).getIn() +
"\n" + Data.kamusArr.get(i).getInEx();
                }
            } else {
                if
(Data.kamusArr.get(i).getIn().equals(q)) {
                    text = Data.kamusArr.get(i).getEn() +
"\n" + Data.kamusArr.get(i).getEnEx();
                }
            }
        }
        return text;
    }
}
```




Data Class :

Keterangan Source Code :

[illegible]



Tugas Asistensi

Package modul6kamus.model

Kamus Class :

```
package modul6kamus.model;
/**
 *
 * @author udin
 */
public class Kamus {
    private String in;
    private String inEx;
    private String en;
    private String enEx;

    public Kamus(String in, String en,String inEx, String
enEx) {
        this.in = in;
        this.inEx = inEx;
        this.en = en;
        this.enEx = enEx;
    }
    public void setInEx(String inEx) {
        this.inEx = inEx;
    }
    public String getInEx() {
        return inEx;
    }
    public String getEnEx() {
        return enEx;
    }
    public void setEnEx(String enEx) {
        this.enEx = enEx;
    }
    public void setEn(String en) {
        this.en = en;
    }
    public String getEn() {
        return en;
    }
    public void setIn(String in) {
        this.in = in;
    }
    public String getIn() {
        return in;
    }
}
```




Tugas Asistensi

Package modul6kamus.view

ComponenView Class :

```
package modul6kamus.view;

import javax.swing.ButtonGroup;
import javax.swing.JComboBox;
import javax.swing.JFrame;
import javax.swing.JLabel;
import javax.swing.JPanel;
import javax.swing.JRadioButton;
import javax.swing.JTextArea;
import javax.swing.JTextField;

/**
 *
 * @author praktikan
 */
public class ComponentView extends JFrame{

    JLabel lblKamus = new JLabel("Kamus");

    String color[] = {"Red","Blue"};
    JComboBox jcColor = new JComboBox(color);

    JRadioButton jrIndoToIng = new
    JRadioButton("Indonesia - Inggris");
    JRadioButton jrIngToIndo = new JRadioButton("Inggris
- Indonesia");

    ButtonGroup buttonGroup = new ButtonGroup();

    JLabel lblKata = new JLabel("Kata :");

    JTextField jtxtKata = new JTextField();

    JTextArea jtxtDetail = new JTextArea();

    JPanel jpLayout = new JPanel();

}
```

[illegible]



Tugas Asistensi

KamusView Class :

```
package modul6kamus.view;

import java.awt.Color;
import java.awt.Font;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
import javax.swing.JFrame;
import javax.swing.JOptionPane;
import modul6kamus.controller.KamusController;

/**
 *
 * @author praktikan
 */
public class KamusView extends ComponentView {

    static KamusController kamusController = new
    KamusController();

    public KamusView() {

        kamusController.insertDataKamus();

        lblKamus.setBounds(200, 18, 200, 26);
        lblKamus.setFont(new Font("Consolas", Font.BOLD,
24));
        add(lblKamus);

        jcColor.setBounds(410, 18, 75, 26);
        add(jcColor);

        jcColor.addActionListener(new ActionListener() {
            @Override
            public void actionPerformed(ActionEvent e) {
                String colorName =
                jcColor.getSelectedItem().toString().toLowerCase();
                switch (colorName) {
                    case "red":
                        jplayout.setBackground(Color.red);
                        break;
                    case "blue":
                        jplayout.setBackground(Color.blue);
                        break;
                }
            }
        });
    }
}
```



Tugas Asistensi

```
default:

jplayout.setBackground(Color.red);
                        break;
        }
    }
});

jrIndoToIng.setBounds(18, 60, 200, 26);
jrIndoToIng.setBackground(new Color(0, 0, 0, 0));
add(jrIndoToIng);
jrIndoToIng.setSelected(true);

jrIngToIndo.setBounds(250, 60, 250, 26);
jrIngToIndo.setBackground(new Color(0, 0, 0, 0));
add(jrIngToIndo);

buttonGroup.add(jrIndoToIng);
buttonGroup.add(jrIngToIndo);

lblKata.setBounds(24, 100, 100, 26);
add(lblKata);

jtxtKata.setBounds(100, 100, 375, 26);
add(jtxtKata);

jtxtKata.addActionListener(new ActionListener() {
    @Override
    public void actionPerformed(ActionEvent e) {
        if (jrIngToIndo.isSelected() == false &&
jrIndoToIng.isSelected() == false) {
            JOptionPane.showMessageDialog(null,
"Pilih Translate terlebih dahulu !");
        } else {
            if (jtxtKata.getText().equals("")) {
JOptionPane.showMessageDialog(null, "Kata belum
diinputkan !");
            } else {
                int status =
jrIngToIndo.isSelected() == true ? 1 : 2;
                String kata =
kamusController.searchWord(jtxtKata.getText(), status);
                if (kata == null) {
```



Tugas Asistensi

```
JOptionPane.showMessageDialog(null, "Kata tidak ditemukan
!");

        } else {

            System.out.println("KATA = " +
kata);
            jtxtDetail.setText(kata);
        }
    }

});

jtxtDetail.setBounds(24, 140, 450, 100);
add(jtxtDetail);

jplayout.setBounds(12, 56, 475, 375);
jplayout.setBackground(Color.red);
add(jplayout);

setTitle("Kamus");

setSize(500, 500);

setLayout(null);

setLocationRelativeTo(null);

setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);

setVisible(true);

}

}
```




Tugas Asistensi



