



PEMROGRAMAN VISUAL

KOMPONEN VISUAL (BLUE J)



CONTOH PROGRAM

```
import javax.swing.*;  
class buku{  
    public static void main (String [] args){  
        JFrame f=new JFrame("Data Buku");  
        JLabel kb= new JLabel("Kode Buku");  
        JLabel jb= new JLabel("Judul Buku");  
        JLabel si= new JLabel("Sinopsis");  
        JLabel pg= new JLabel("Pengarang");  
        JLabel kt= new JLabel("Kategori");
```

Lanjutan ..

```
JTextField tkode=new JTextField();  
JTextField tjudul=new JTextField();  
JTextArea aSin=new JTextArea();  
JTextField tpengarang=new JTextField();  
String [] kategori = {"Komputer", "Kesehatan", "Kuliner"};  
JComboBox kat=new JComboBox(kategori);  
JButton bsimpan=new JButton ("Simpan");  
JButton bkeluar=new JButton ("Keluar");
```

Lanjutan ..

```
kb.setBounds(10,10,100,20);  
jb.setBounds(10,40,100,20);  
si.setBounds(10,70,100,70);  
pg.setBounds(10,150,100,20);  
kt.setBounds(10,180,100,20);  
tkode.setBounds(110,10,80,20);  
tjudul.setBounds(110,40,120,20);  
aSin.setBounds(110,70,100,70);  
tpengarang.setBounds(110,150,100,20);  
kat.setBounds(110,180,90,20);  
bsimpan.setBounds(110,210,100,40);  
bkeluar.setBounds(220,210,100,40);
```



Lanjutan ..

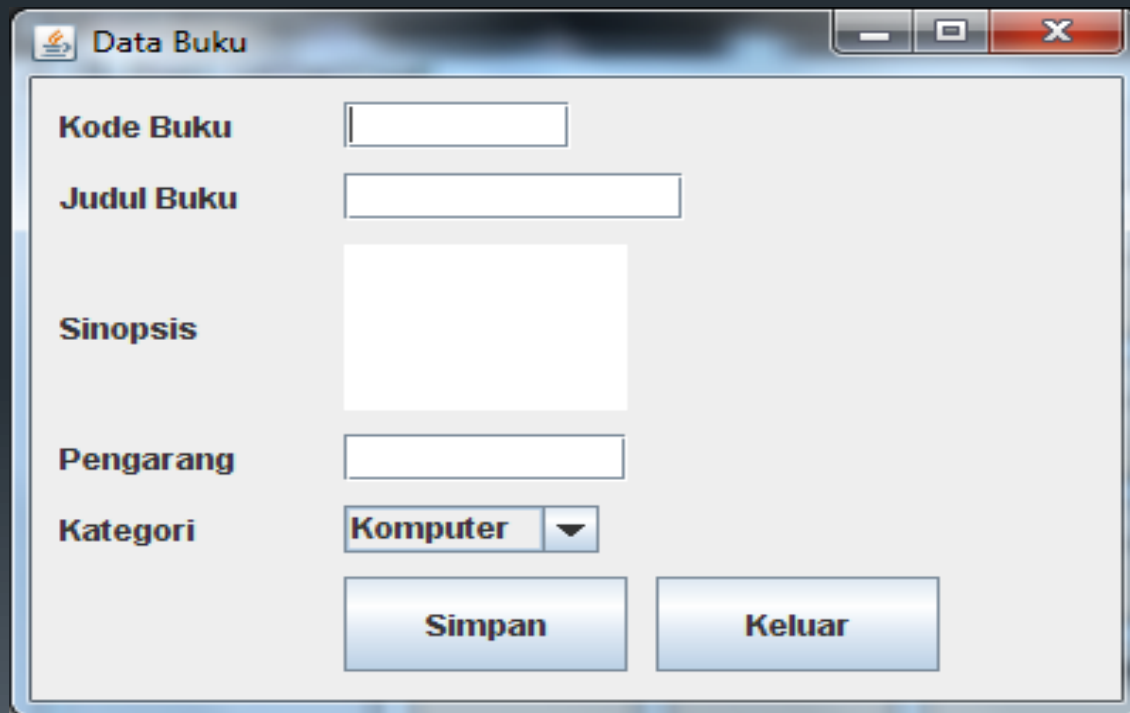
```
f.add(kb);  
f.add(jb);  
f.add(si);  
f.add(pg);  
f.add(kt);  
f.add(tkode);  
f.add(tjudul);  
f.add(aSin);  
f.add(tpengarang);  
f.add(kat);  
f.add(bsimpan);  
f.add(bkeluar);
```



Lanjutan ..

```
f.setSize(400,300);  
f.setLayout(null);  
f.setVisible(true);  
}  
}
```

Output



The image shows a screenshot of a software application window titled "Data Buku". The window contains several input fields and two buttons. The fields are labeled "Kode Buku", "Judul Buku", "Sinopsis", "Pengarang", and "Kategori". The "Kategori" field is a dropdown menu currently showing "Komputer". At the bottom of the window, there are two buttons: "Simpan" and "Keluar".

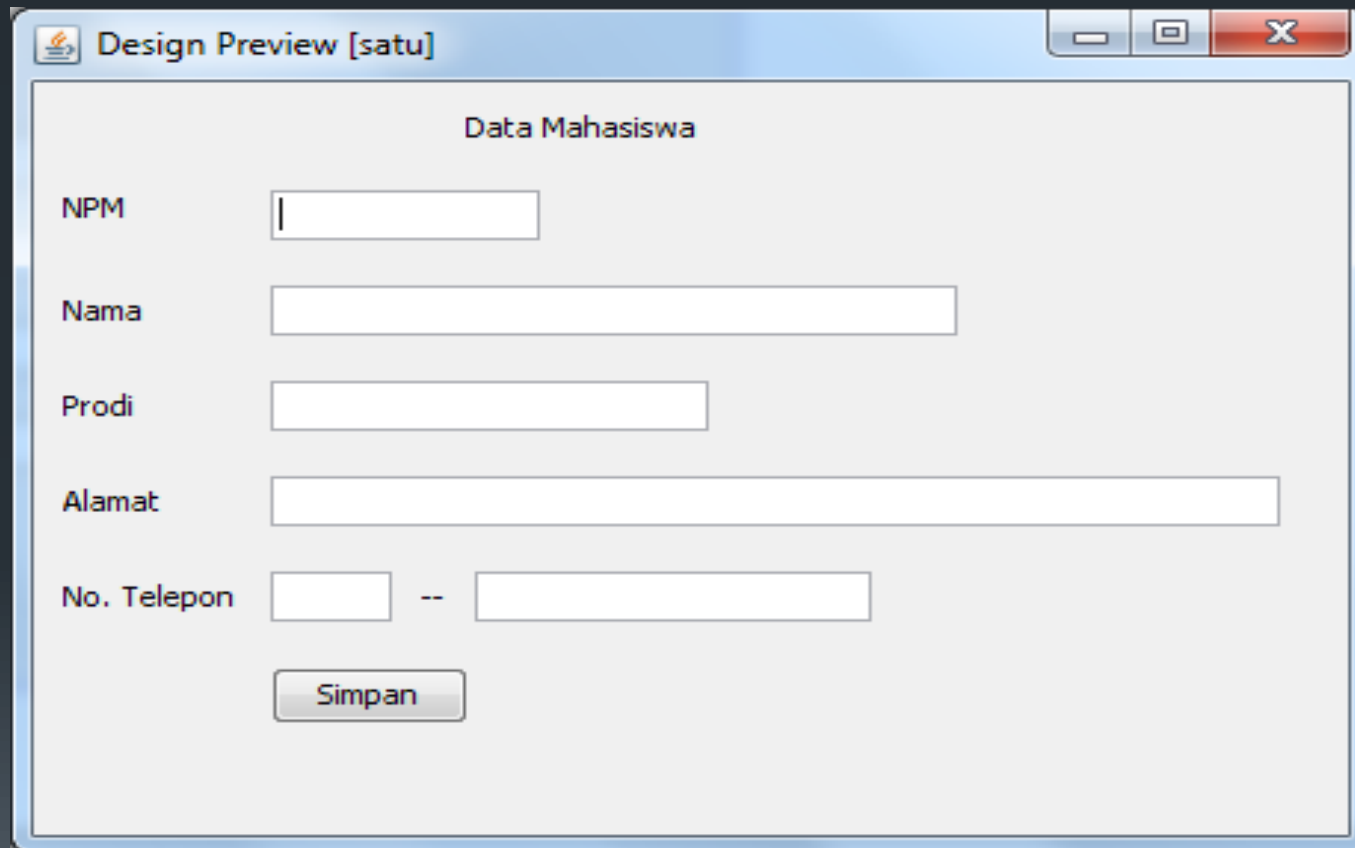
Kode Buku	<input type="text"/>
Judul Buku	<input type="text"/>
Sinopsis	<input type="text"/>
Pengarang	<input type="text"/>
Kategori	Komputer ▼

Buttons:

Tugas

Buat program menggunakan BlueJ untuk membuat tampilan berikut :

1. Gunakan JFrame, JLabel, JTextField dan JButton

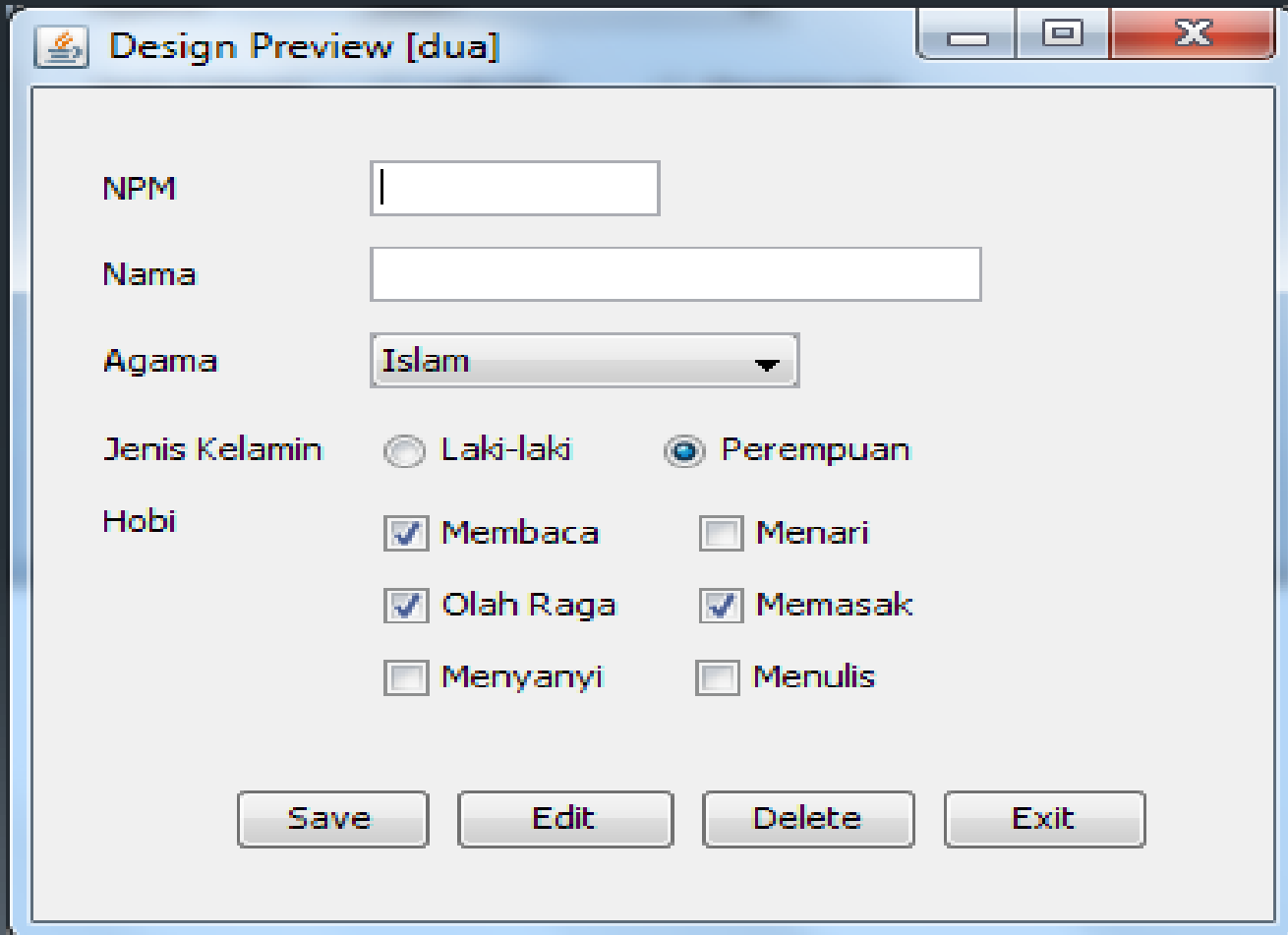


The image shows a Java Swing window titled "Design Preview [satu]". The window contains a form titled "Data Mahasiswa". The form has the following fields and controls:

- NPM**: A single-line text input field.
- Nama**: A single-line text input field.
- Prodi**: A single-line text input field.
- Alamat**: A single-line text input field.
- No. Telepon**: Two single-line text input fields separated by a double hyphen "--".
- Simpan**: A button with the text "Simpan".

Tugas

2. Gunakan JFrame, JLabel, JTextField, JCheckBox, JRadioButton, JComboBox dan JButton



The image shows a Java Swing window titled "Design Preview [dua]". The window contains a form with the following elements:

- NPM:** A text input field.
- Nama:** A text input field.
- Agama:** A JComboBox dropdown menu with "Islam" selected.
- Jenis Kelamin:** Two radio buttons: "Laki-laki" (unselected) and "Perempuan" (selected).
- Hobi:** Six checkboxes arranged in two columns:
 - Row 1: "Membaca" (checked) and "Menari" (unchecked)
 - Row 2: "Olah Raga" (checked) and "Memasak" (checked)
 - Row 3: "Menyanyi" (unchecked) and "Menulis" (unchecked)
- Buttons:** Four buttons at the bottom: "Save", "Edit", "Delete", and "Exit".