

Nama: Isep Lutpi Nur
NPM: 2113191079
Kelas: A2
Tugas: LATIHAN PERTEMUAN 4

Program 1

Source code

```
package isepIutpi;

/**
 * LATIHAN PERTEMUAN 4
 * NAMA: ISEP LUTPI NUR
 * NPM: 2113191079
 * KELAS: A2
 */
import javax.swing.JOptionPane;
import javax.swing.JTextField;
import javax.swing.JPanel;
import javax.swing.JLabel;
import java.awt.GridLayout;

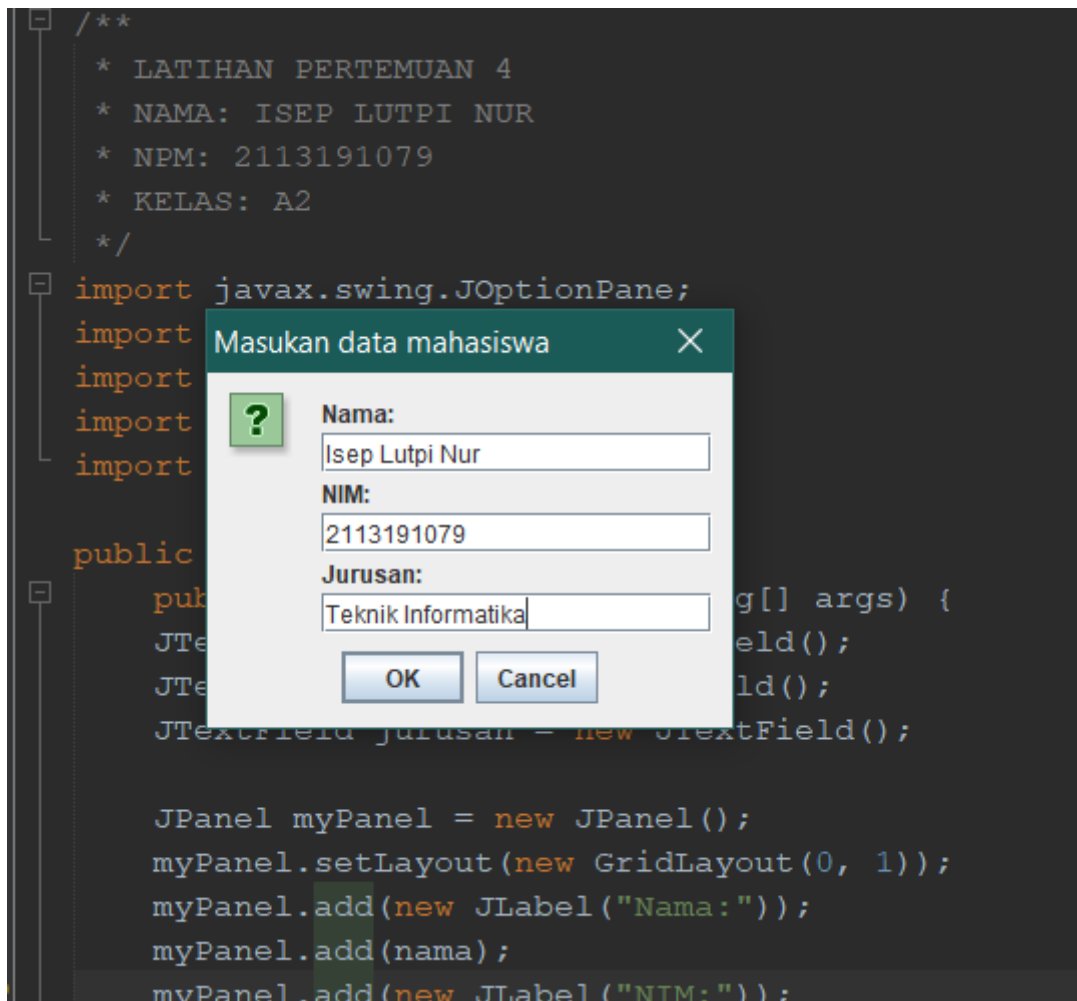
public class InputDataMahasiswa {
    public static void main(String[] args) {
        JTextField nama = new JTextField();
        JTextField nim = new JTextField();
        JTextField jurusan = new JTextField();

        JPanel myPanel = new JPanel();
        myPanel.setLayout(new GridLayout(0, 1));
        myPanel.add(new JLabel("Nama:"));
        myPanel.add(nama);
        myPanel.add(new JLabel("NIM:"));
        myPanel.add(nim);
        myPanel.add(new JLabel("Jurusan:"));
        myPanel.add(jurusan);

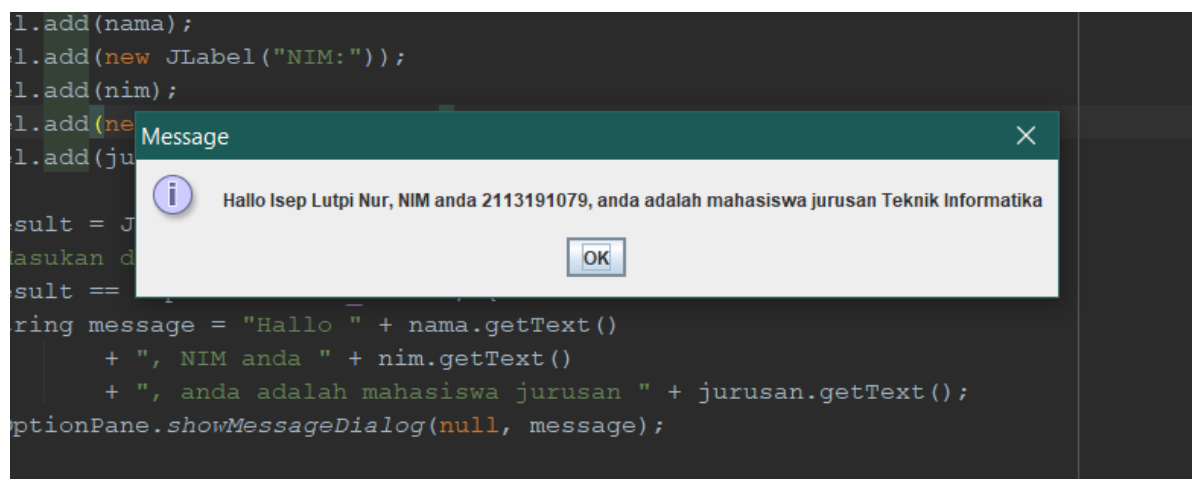
        int result = JOptionPane.showConfirmDialog(null, myPanel,
            "Masukan data mahasiswa", JOptionPane.OK_CANCEL_OPTION);
        if (result == JOptionPane.OK_OPTION) {
            String message = "Hallo " + nama.getText()
                + ", NIM anda " + nim.getText()
                + ", anda adalah mahasiswa jurusan " + jurusan.getText();
            JOptionPane.showMessageDialog(null, message);
        }
    }
}
```

Screenshot program

Input



Output



Program 2

Source code

```
package iseplutpi;
import java.io.BufferedReader;
import java.io.InputStreamReader;
import java.io.IOException;

/**
 * LATIHAN PERTEMUAN 4
 * NAMA: ISEP LUTPI NUR
 * NPM: 2113191079
 * KELAS: A2
 */
public class FungsiAritmatik {
    public static void main(String[] args){
        BufferedReader InputData = new BufferedReader(new
        InputStreamReader(System.in));
        int a = 0, b = 0, operator = 0;
        System.out.println("kalkulator");

        System.out.print("Masukan angka pertama: ");
        try {
            a = Integer.parseInt(InputData.readLine());
        }catch (IOException e){
            System.out.println(e.getMessage());
        }

        System.out.print("masukan angka kedua: ");
        try {
            b = Integer.parseInt(InputData.readLine());
        }catch (IOException e){
            System.out.println(e.getMessage());
        }

        System.out.println("Pilih operasi aritmatika: ");
        System.out.println("1. Pertambahan");
        System.out.println("2. Pengurangan");
        System.out.println("3. Perkalian");
        System.out.println("4. Pembagian");
        System.out.println("5. Sisa bagi");
        System.out.print("Pilihan: ");
        try {
            operator = Integer.parseInt(InputData.readLine());
        }catch (IOException e){
            System.out.println(e.getMessage());
        }

        switch(operator){
            case 1:
                System.out.println(a + " + " + b + " = " + (a+b));
                break;

            case 2:
                System.out.println(a + " - " + b + " = " + (a-b));
```

```

        break;

    case 3:
        System.out.println(a + " x " + b + " = " + (a*b));
        break;

    case 4:
        System.out.println(a + " / " + b + " = " + (a/b));
        break;

    case 5:
        System.out.println(a + " % " + b + " = " + (a%b));
        break;

    default:
        System.out.println("Pilihan anda tidak tersedia silahkan
diulangi");
    }
}
}

```

Screenshot program

