JBuilder - Filename = K:\java-docs\phone\egyenlet\egyenlet\src\egyenlet\result.java
Printed on 2005. április 6. at 22:14 by Administrator
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```java
package egyenlet;

import  java.lang.Object;
import  javax.microedition.lcdui.*;
import  javax.microedition.midlet.*;

public  class  result extends  Canvas {
    Command bck = new Command("Vissza", "Vissza", Command.BACK, 1);
    MIDlet _parent = null ;

    double [] _ret = new double [4];

    String a_, b_, c_;
    int  _a, _b, _c, _lnko;

    public  result(MIDlet _p) {
        _parent = _p;

        setCommandListener ((CommandListener ) _parent);
        addCommand (bck);
        setTitle ("Megoldás:");
    }

    protected    void  paint  (Graphics g) {

        a_ = _a < 0 ? "(" + _a + ")" : String.valueOf (_a);
        b_ = _b < 0 ? "(" + _b + ")" : String.valueOf (_b);
        c_ = _c < 0 ? "(" + _c + ")" : String.valueOf (_c);


        g.setFont (Font .getFont  (Font .FACE_SYSTEM, Font .STYLE_ITALIC , Font .SIZE_MEDIUM));

        g.drawString ("x=", 2, 20 - 10, g.LEFT | g.TOP);

        g.setFont (Font .getFont  (Font .FACE_SYSTEM, Font .STYLE_ITALIC , Font .SIZE_SMALL));

        g.drawLine (21, 25 - 10, 120, 25 - 10);

        g.drawString ("-" + b_, 28, 22 - 10, g.HCENTER | g.BOTTOM);

        g.drawString (b_ + "^2 - 4*" + a_ + "*" + c_ + "", 88, 22 - 10, g.HCENTER | g.BOTTOM);

        g.drawString ("2 * " + a_, 72, 28 - 10, g.HCENTER | g.TOP);

        g.setFont (Font .getFont  (Font .FACE_SYSTEM, Font .STYLE_UNDERLINED, Font .SIZE_SMALL));
        g.drawString ("+", 42 + 1, 28 - 15, g.HCENTER | g.BOTTOM);
        g.setFont (Font .getFont  (Font .FACE_SYSTEM, Font .STYLE_ITALIC , Font .SIZE_SMALL));

        g.drawLine (47, 15 - 10, 49, 22 - 10);
        g.drawLine (49, 22 - 10, 52, 12 - 10);
        g.drawLine (52, 12 - 10, 124, 12 - 10);
        g.drawLine (124, 12 - 10, 124, 20 - 10);

        if (_ret[3] >= 0)
        {

            g.setFont (Font .getFont  (Font .FACE_SYSTEM, Font .STYLE_ITALIC , Font .SIZE_MEDIUM));

            g.drawString ("x=", 2, 70 + 10, g.LEFT | g.TOP);

            g.setFont (Font .getFont  (Font .FACE_SYSTEM, Font .STYLE_ITALIC , Font .SIZE_SMALL));

            g.drawLine (21, 72 + 10, 40, 60 + 10);
            g.drawLine (21, 75 + 10, 40, 77 + 10);

            if (_ret[1] / _ret[0] == Math .floor  (_ret[1] / _ret[0])) {
                g.drawString (String.valueOf ((int ) (_ret[1] / _ret[0])), 45, 70 - 5, g.LEFT | g.TOP);
            } else  {
                _lnko = lnko((int )_ret[1], (int )_ret[0]);
                g.drawString (String.valueOf ((int ) _ret[1] / _lnko), 50, 70 - 15, g.HCENTER | g.TOP);
                g.drawLine (45, 70 - 6, 55, 70 - 6);
                g.drawString (String.valueOf ((int ) _ret[0] / _lnko), 50, 70 - 4, g.HCENTER | g.TOP);
```

```java
        }

        if  (_ret[2] / _ret[0] == Math.floor  (_ret[2] / _ret[0])) {
            g.drawString (String.valueOf ((int ) (_ret[2] / _ret[0])), 45, 70 + 15, g.LEFT | g.TOP);
        } else  {
            _lnko = lnko((int )_ret[2], (int )_ret[0]);
            g.drawString (String.valueOf ((int ) _ret[2] / _lnko), 50, 70 + 6, g.HCENTER| g.TOP);
            g.drawLine (45, 70 + 16, 55, 70 + 16);
            g.drawString (String.valueOf ((int ) _ret[0] / _lnko), 50, 70 + 18, g.HCENTER| g.TOP);
        }
        g.drawString ("A gyök alatt:" , 121, 70, g.RIGHT | g.TOP);
        g.drawString (String.valueOf (_ret[3]), 121, 70+10, g.RIGHT | g.TOP);
        } else
            g.drawString ("Negatív a gyök alatt!" , 64, 70, g.HCENTER| g.TOP);

        g.setFont (Font .getFont  (Font .FACE_SYSTEM Font .STYLE_ITALIC , Font .SIZE_MEDIUM));

        g.drawString ("x=", 2, 20 + 20, g.LEFT | g.TOP);

        g.setFont (Font .getFont  (Font .FACE_SYSTEM Font .STYLE_ITALIC , Font .SIZE_SMALL));

        g.drawLine (21, 25 + 20, 120, 25 + 20);

        g.drawString (String.valueOf ( -1 * _b), 28, 22 + 20, g.HCENTER| g.BOTTOM);

        g.drawString (String.valueOf (_b * _b - 4 * _a * _c), 88, 22 + 20, g.HCENTER| g.BOTTOM);

        g.drawString (String.valueOf (2 * _a), 72, 28 + 20, g.HCENTER| g.TOP);

        g.setFont (Font .getFont  (Font .FACE_SYSTEM Font .STYLE_UNDERLINED, Font .SIZE_SMALL));

        g.drawString ("+", 42 + 1, 28 + 15, g.HCENTER| g.BOTTOM);

        g.setFont (Font .getFont  (Font .FACE_SYSTEM Font .STYLE_ITALIC , Font .SIZE_SMALL));

        g.drawLine (47, 15 + 20, 49, 22 + 20);

        g.drawLine (49, 22 + 20, 52, 12 + 20);

        g.drawLine (52, 12 + 20, 124, 12 + 20);

        g.drawLine (124, 12 + 20, 124, 20 + 20);
    }


    public  void szamol (String a, String b, String c) {

        _a = (int ) Double .parseDouble  (a);
        _b = (int ) Double .parseDouble  (b);
        _c = (int ) Double .parseDouble  (c);

        _ret[0] = 2 * _a;
        _ret[1] = ( -_b + Math .sqrt (_b * _b - 4 * _a * _c));
        _ret[2] = ( -_b - Math .sqrt (_b * _b - 4 * _a * _c));
        _ret[3] = Math .floor (Math .sqrt (_b * _b - 4 * _a * _c));
    }

    public  int lnko (int  u, int  v)
    {
        if  (v == 0)
            return  u;
        else
            return  lnko (v, Math .abs (u - v));
    }

}
```

```java
package egyenlet;

import javax.microedition.midlet.*;
import javax.microedition.lcdui.*;

public class menu extends Form
{
    TextField a = new TextField ("a", "1", 8, TextField .NUMERIC);
    TextField b = new TextField ("b", "-4", 8, TextField .NUMERIC);
    TextField c = new TextField ("c", "6", 8, TextField .NUMERIC);
    StringItem s = new StringItem ("Forma:","a*x^2+b*x+c = 0");

    Command szm = new Command ("Számolj!", "Számolj!", Command.SCREEN 1);
    Command ext = new Command ("Kilépés", "Kilépés", Command.SCREEN 3);

    MIDlet _parent = null ;

    public  menu(MIDlet _p)
    {
        super ("Menü");
        _parent = _p;
        setCommandListener ((CommandListener )_parent);

        try {
            jbInit();
        }
        catch (Exception e) {
        }
    }
    void jbInit() throws Exception {
        append (s);
        append (a);
        append (b);
        append (c);
        addCommand (ext);
        addCommand (szm);
    }
}
```

```java
package egyenlet;

import javax.microedition.midlet.*;
import javax.microedition.lcdui.*;

public class ml extends MIDlet implements CommandListener
{
    menu menu = new menu(this );
    result rs = new result(this );

    public ml()
    {
        Display .getDisplay (this ).setCurrent (menu);
    }
    protected void startApp ( ) throws MIDletStateChangeException
    {
        return ;
    }

    protected void pauseApp ( )
    {
        return ;
    }

    protected void destroyApp ( boolean p1 )
    {
        notifyDestroyed ();
    }

    public void commandAction (Command c, Displayable d)
    {
        if (c == menu.ext )
        {
            destroyApp (true );
        }
        else if (c == menu.szm)
        {
            rs.szamol (menu.a.getString (), menu.b.getString (), menu.c.getString ());
            Display .getDisplay (this ).setCurrent (rs);
        }
        else if (c == rs.bck) {
            Display .getDisplay (this ).setCurrent (menu);
        }
    }
}
```