package hello;

import javax.microedition.lcdui.\*;

import javax.microedition.midlet.\*;

public class HelloMIDlet extends MIDlet implements CommandListener

{

private Form form;

private Display display1;

private TextField input1, input2;

private Command add, sub, mul,div,clear;

private StringItem item;

private Display display;

public HelloMIDlet()

{

}

public void startApp()

{

display = Display.getDisplay(this);

Form form = new Form("Calculator");

item = new StringItem("Result", "");

input1 = new TextField("First Number:", "", 30, TextField.NUMERIC);

input2 = new TextField("Second Number", "", 30, TextField.NUMERIC);

form.append(input1);

form.append(input2);

add = new Command("Addition", Command.OK, 1);

sub = new Command("Subtraction", Command.OK, 1);

mul = new Command("Multiplication", Command.OK, 1);

div = new Command("Division", Command.OK, 1);

clear = new Command("Clear",Command.SCREEN, 1);

form.addCommand(add);

form.addCommand(sub);

form.addCommand(mul);

form.addCommand(div);

form.addCommand(clear);

form.append(item);

form.setCommandListener(this);

display.setCurrent(form);

}

public void pauseApp() { }

public void destroyApp(boolean uncondn)

{

notifyDestroyed();

}

private void calculate()

{int one=Integer.parseInt(input1.getString());

int two= Integer.parseInt(input2.getString());

int result=one+two;

item.setText( result + "" );

}

private void calculate1()

{

int one = Integer.parseInt(input1.getString());

int two = Integer.parseInt(input2.getString());

int result = one - two;

item.setText(result + "");

}

private void calculate2()

{

int one = Integer.parseInt(input1.getString());

int two = Integer.parseInt(input2.getString());

int result = one \* two;

item.setText(result + "");

}

private void calculate3()

{

int one = Integer.parseInt(input1.getString());

int two = Integer.parseInt(input2.getString());

int result = one / two;

item.setText(result + "");

}

public void commandAction(Command c, Displayable d)

{

String label = c.getLabel();

if (label.equals("Addition"))

{

calculate();

}

else if (label.equals("Subtraction"))

{

calculate1();

}

else if (label.equals("Multiplication"))

{

calculate2();

}

else if (label.equals("Division"))

{

calculate3();

form.append("The Answer is:");

}

else if (label.equals("Clear"))

{

item.setText("");

}

}

}