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This application illustrates how to print the key value with the current key pressed on the canvas.

J2ME Key Codes Example

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This application illustrates how to print the key value with the current key pressed on the canvas. In this application we are using the keyPressed method to repaint the key name according to its key code as below:

```
protected void keyPressed(int keyCode)
{
    keyValue = getKeyName(keyCode);
    repaint();
}
```

The above method is created in the KeyCodeCanvas class, in which we inherited the canvas class to repaint the method.

The Application is as follows:

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Custom Item in
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Appending Image
into the J2ME Form

J2ME Convert Date
To String

Appending string in
J2ME Form

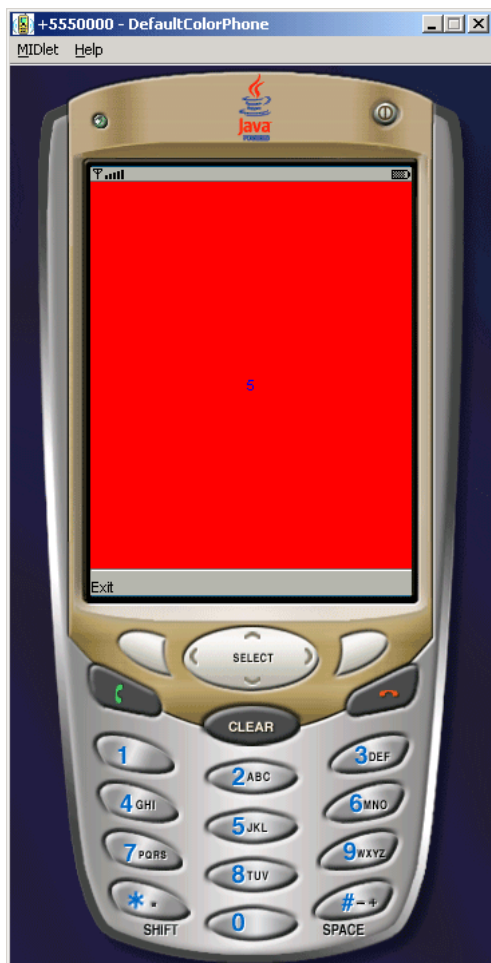
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Example

J2ME Display Size
Example

J2ME Current Date
And Time

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KeyCodesMIDlet.java

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

public class KeyCodesMIDlet extends MIDlet{
    private Display display;
    private KeyCodeCanvas canvas;

    public KeyCodesMIDlet(){
        display = Display.getDisplay(this);
        canvas = new KeyCodeCanvas(this);
    }

    protected void startApp(){
        display.setCurrent(canvas);
    }

    protected void pauseApp(){}

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

class KeyCodeCanvas extends Canvas implements CommandListener{
    private Command exit;
```

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```

private String keyValue = null;
private KeyCodesMIDlet midlet;

public KeyCodeCanvas(KeyCodesMIDlet midlet){
    this.midlet = midlet;

    exit = new Command("Exit", Command.EXIT, 1);
    addCommand(exit);
    setCommandListener(this);
}

protected void paint(Graphics g){
    g.setColor(255, 0, 0);
    g.fillRect(0, 0, getWidth(), getHeight());

    if (keyValue != null){
        g.setColor(0, 0, 255);
        g.drawString(keyValue, getWidth()/2, getHeight()/2,
            Graphics.TOP | Graphics.HCENTER);
    }
}

public void commandAction(Command c, Displayable d){
    String label = c.getLabel();
    if(label.equals("Exit"))
        midlet.destroyApp(true);
}

protected void keyPressed(int keyCode){
    keyValue = getKeyName(keyCode);
    repaint();
}
}

```

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iman arbabi

January 17, 2012

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