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Java AWT Toolkit

Toolkit class is the abstract superclass of every implementation in the Abstract Window Toolkit. Subclasses of Toolkit are used to bind various components. It inherits Object class.

AWT Toolkit class declaration

```
public abstract class Toolkit extends
```

Java AWT Toolkit Example

```
import java.awt.*;

public class ToolkitExample {
    public static void main(String[] args) {
        Toolkit t = Toolkit.getDefaultToolkit();
        System.out.println("Screen resolution = " + t.getScreenSize());
        Dimension d = t.getScreenSize();
        System.out.println("Screen width = " + d.width);
        System.out.println("Screen height = " + d.height);
    }
}
```

Output:

```
Screen resolution = 96
Screen width = 1366
Screen height = 768
```

Java AWT Toolkit Example: beep()

```

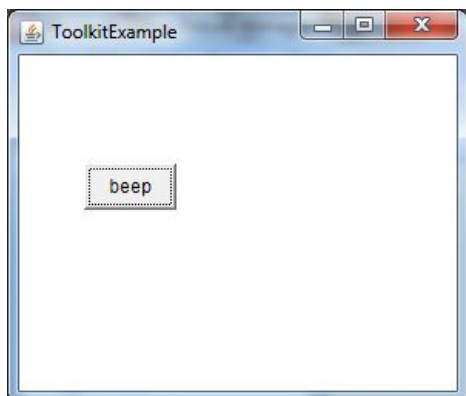
import java.awt.event.*;

public class ToolkitExample {

    public static void main(String[] args) {
        Frame f=new Frame("ToolkitExample");
        Button b=new Button("beep");
        b.setBounds(50,100,60,30);
        f.add(b);
        f.setSize(300,300);
        f.setLayout(null);
        f.setVisible(true);
        b.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent e) {
                Toolkit.getDefaultToolkit().beep();
            }
        });
    }
}

```

Output:



Java AWT Toolkit Example: Change TitleBar Icon

```

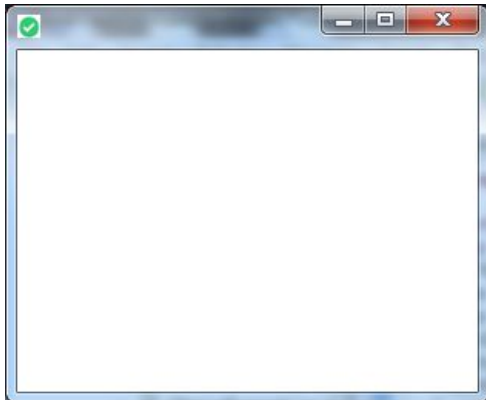
import java.awt.*;

class ToolkitExample {
    ToolkitExample(){
        Frame f=new Frame();
        Image icon = Toolkit.getDefaultToolkit().getImage("icon.png");
        f.setIconImage(icon);
        f.setLayout(null);
        f.setSize(400,400);
        f.setVisible(true);
    }

    public static void main(String args[])
    {
        new ToolkitExample();
    }
}

```

Output:



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