

## How to Add Image in Swing UI program:

MAKE YOUR PROJECT AND CLASS

create a package inside src with named as resources in my case I named it as "icon".

→right click on src>>new >> package>> name of package.

keep all images inside resource package.

\*\*\*\*\*

code:

```
package banksimulator;
```

```
import java.awt.Image;
```

```
import javax.swing.ImageIcon;
```

```
import javax.swing.JFrame;
```

```
import javax.swing.JLabel;
```

```
public class login extends JFrame
```

```
{
```

```
    login()
```

```
    {
```

```
        setTitle("ATM Login");
```

```
        setSize(800,480);
```

```
        setLocation(370,200);
```

```
        ImageIcon i1=new ImageIcon(ClassLoader.getResource("icon/logo.jpg"));
```

```
        Image i2 =i1.getImage().getScaledInstance(100,100,Image.SCALE_DEFAULT);
```

```
        ImageIcon i3=new ImageIcon(i2);
```

```
        JLabel labelimage = new JLabel(i3);
```

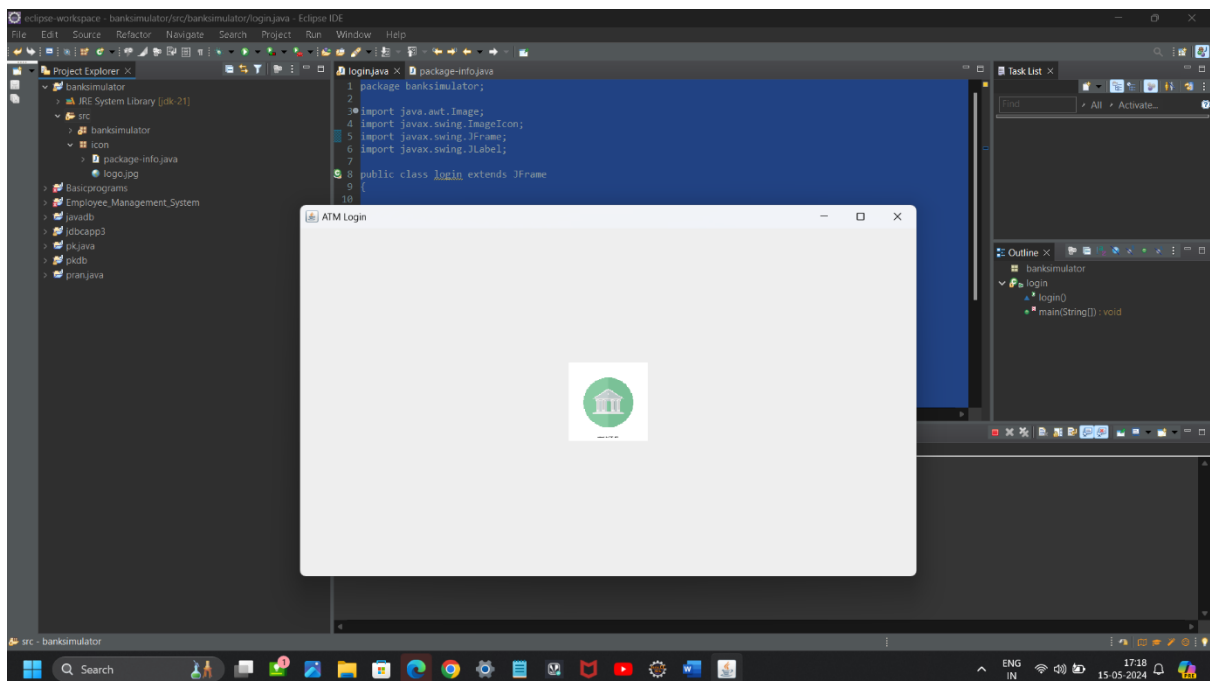
```
labelimage.setBounds(70,10,100,100);
```

```
add(labelimage);  
setVisible(true);  
}
```

```
public static void main(String args[])
```

```
{  
    new login();  
}  
}
```

RUN THIS APPLICATION : ALT+SHIFT+X (RUN JAVA APPLICATION)



THIS IMAGE IS POSITIONED CENTERED IF WE WANT TO GIVE IT PARTICULAR LOCATION

```
labelimage.setBounds(70,10,100,100);
```

```
//with
```

```
setLayout(null);
```

frame color change

```
getContentPane().setBackground(Color.WHITE);
```

```
login()
{
    JLabel l1;

    setTitle("ATM Login");
    setSize(800,480);
    setLocation(370,200);
    setLayout(null);

    ImageIcon i1=new ImageIcon(ClassLoader.getResource("icon/logo.jpg"));
    //ImageIcon i1 = new ImageIcon(System.getProperty("user.dir") + "/icon/logo.jpg");

    Image i2 =i1.getImage().getScaledInstance(100,100,Image.SCALE_DEFAULT);
    ImageIcon i3=new ImageIcon(i2);
    JLabel labelimage = new JLabel(i3);
    labelimage.setBounds(70,10,100,100);
    l1=new JLabel("bank");
    l1.setBounds(200,10,100,100);

    add(labelimage);
    add(l1);
    setVisible(true);
}
```

