

# Scrubby Dubby Starter Code for Replit

## Main.java

```
import java.awt.*;
import java.awt.event.*;
import javax.swing.*;
import javax.swing.border.*;

public class Main {
    public static void main(String[] args) {
        JFrame frame = new JFrame("ScrubbyDubby");
        frame.setSize(600, 600);
        frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        JComponent newContentPane = new ScrubbyDubby();
        newContentPane.setOpaque(true);
        frame.setContentPane(newContentPane);
        frame.setLocationRelativeTo(null);
        frame.setVisible(true);
    }
}
```

## ScrubbyDubby.java

```
import java.awt.*;
import java.awt.event.*;
import javax.swing.*;
import javax.swing.border.*;
public class ScrubbyDubby extends JPanel implements ActionListener {

    int dub[] [] = ?
    int rows = 4;
    int cols = 5;
    JButton pics[] = new JButton [rows * cols];

    public ScrubbyDubby() {
        Panel grid = new Panel (new GridLayout (rows, cols));
        int m = 0;
        for (int i = 0 ; i < rows ; i++)
        {
            for (int j = 0 ; j < cols ; j++)
            {
                pics [m] = new JButton (createImageIcon ("sd" + dub [i] [j] + ".png"));
                pics [m].addActionListener (this);
                pics [m].setActionCommand (m + "");
                pics [m].setPreferredSize (new Dimension (128, 128));
                grid.add (pics [m]);
                m++;
            }
        }
        add (grid);
    }
    public void actionPerformed(ActionEvent e) {

    }
    protected static ImageIcon createImageIcon(String path) {
        java.net.URL imgURL = ScrubbyDubby.class.getResource(path);
        if (imgURL != null)
            return new ImageIcon(imgURL);
        else
            return null;
    }
}
```