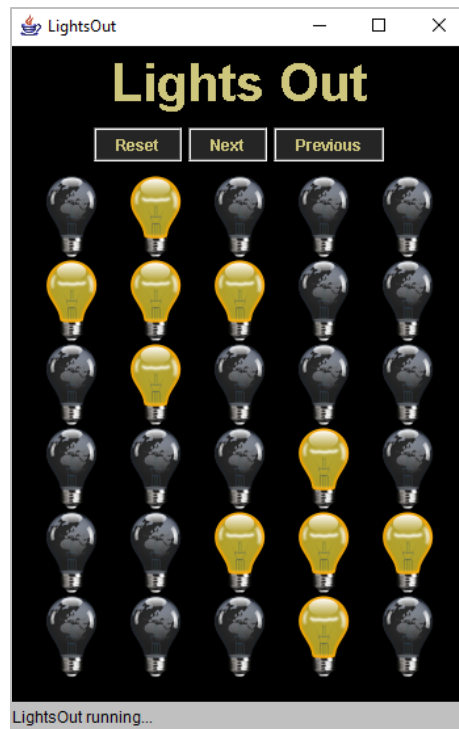


Lights Out Game Set Up

Set up the java code to set up this above exact screen.

The Java follows.



```
import javax.swing.*; import java.applet.*; import java.awt.event.*; import java.awt.*;
public class LightsOut extends Applet implements ActionListener
{
    int light[] [] = {{2, 2, 2, 2, 2},
        {2, 2, 2, 2, 2},
        {2, 2, 2, 2, 2},
        {2, 2, 2, 2, 2},
        {2, 2, 2, 2, 2},
        {2, 2, 2, 2, 2}};

    int row = 6;
    int col = 5;
    JButton pics[] = new JButton [row * col];

    public void init ()
    {
        resize (350, 500);
        setBackground (Color.black);
        JLabel title = new JLabel ("Lights Out");
        title.setFont (new Font ("Arial", Font.BOLD, 40));
        title.setForeground (new Color (207, 198, 126));
        add (title);
        Panel p = new Panel ();
        JButton reset = new JButton ("Reset");
        reset.setBackground (new Color (37, 37, 37));
        reset.setForeground (new Color (207, 198, 126));
        reset.addActionListener (this);
        reset.setActionCommand ("reset");
        p.add (reset);
        JButton next = new JButton ("Next");
        next.setBackground (new Color (37, 37, 37));
        next.setForeground (new Color (207, 198, 126));
        next.addActionListener (this);
        next.setActionCommand ("next");
        p.add (next);
        JButton previous = new JButton ("Previous");
        previous.setBackground (new Color (37, 37, 37));
        previous.setForeground (new Color (207, 198, 126));
        previous.addActionListener (this);
        previous.setActionCommand ("previous");
        p.add (previous);
        add (p);
        Panel grid = new Panel (new GridLayout (row, col));
        int m = 0;
        for (int i = 0 ; i < row ; i++)
        {
            for (int j = 0 ; j < col ; j++)
            {
                if (light [i] [j] == 1)
                    pics [m] = new JButton (createImageIcon ("on.png"));
                else
                    pics [m] = new JButton (createImageIcon ("off.png"));
                pics [m].setPreferredSize (new Dimension (64, 64));
                pics [m].setBorderPainted (false);
                pics [m].setBackground (Color.black);
                pics [m].setActionCommand (" " + m);
                pics [m].addActionListener (this);
                grid.add (pics [m]);
                m++;
            }
        }
        add (grid);
    }

    public void actionPerformed (ActionEvent e)
    {
    }

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