

```
/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */

package fourplay;

/**
 *
 * @author User
 */
import java.util.Observer;
import javax.swing.*.*;
import java.awt.*.*;
import java.awt.event.*;
import java.io.File;
import java.io.IOException;
import javax.imageio.ImageIO;

/**
 *
 * @author User
 */
public class FPScoreBoard implements Observer {

    private JFrame scoreBoard;
    private JPanel scorePanel;
    private JLabel player1Score, player2Score, player1Label, player2Label;
    private FPModel gameModel;

    public FPScoreBoard(FPModel gameModel) {
        this.gameModel = gameModel;

        gameModel.addObserver(this);
        createBoard();
    }

    public void createBoard() {

        //Initialise GUI components
        //scoreBoard = new JFrame("ScoreBoard");
        scorePanel = new JPanel();

        player1Label = new JLabel("", JLabel.CENTER);
        player2Label = new JLabel("", JLabel.CENTER);
        player1Score = new JLabel("", JLabel.CENTER);
        player2Score = new JLabel("", JLabel.CENTER);

        player1Label.setText("Player 1");
        player2Label.setText("Player 2");
        player1Score.setText("" + gameModel.getScore(1));
        player2Score.setText("" + gameModel.getScore(2));

        scoreBoard = new JFrame("Java Swing Examples");
        scoreBoard.setPreferredSize(new Dimension(200, 200));
        scoreBoard.setLayout(new GridLayout(2, 2));
    }
}
```

```
scoreBoard.addWindowListener(new WindowAdapter() {
    public void windowClosing(WindowEvent windowEvent) {
        System.exit(0);
    }
});

scoreBoard.add(player1Label);
scoreBoard.add(player2Label);
scoreBoard.add(player1Score);
scoreBoard.add(player2Score);

scoreBoard.pack();
scoreBoard.setResizable(false);
scoreBoard.setVisible(true);

}

public void update(java.util.Observable o, Object arg){
    player1Score.setText(""+gameModel.getScore(1));
    player2Score.setText(""+gameModel.getScore(2));
    scoreBoard.repaint();
}

}
```