import javax.swing.\* ;

import java.awt.\* ;

import java.util.\* ;

import javax.swing.border.Border ;

import java.awt.event.ActionEvent ;

import java.awt.event.ActionListener ;

class Seats extends JFrame implements ActionListener

{

JButton lw[] , rw[] , ct[] ;

int count = 0 ; int arr[] ;

int n ;

String str ;

Seats(String str1 , int n1)

{

str = str1 ;

n = n1 ;

arr = new int[n] ;

ImageIcon bg = new ImageIcon("BG\_2.png") ;

JLabel lb = new JLabel() ;

lb.setText("Seating Arrangement") ;

//lb.setText("Screen") ;

lb.setIcon(bg) ;

lb.setHorizontalTextPosition(JLabel.CENTER) ;

lb.setVerticalTextPosition(JLabel.TOP) ;

lb.setForeground(new Color(0xf70707)) ;

lb.setFont(new Font("MV Boli",Font.BOLD,25)) ;

lb.setIconTextGap(-40) ;

lb.setVerticalAlignment(JLabel.CENTER) ;

lb.setHorizontalAlignment(JLabel.CENTER) ;

lb.setBounds(0,-30,640,480) ;

int c = 0 , y = 0 ;

lw = new JButton[10] ;

for( int i = 0 ; i < 5 ; i ++ )

{

int x = 0 ;

int ch = 0 ;

for ( int j = 0 ; j < 2 ; j ++ )

{

lw[c] = new JButton((Integer.toString(c+1) + "A")) ;

lw[c].setBounds((10+x),(20+y),60,60) ;

lw[c].addActionListener(this) ;

lw[c].setFocusable(false) ;

lw[c].setVisible(true) ;

lw[c].setForeground(Color.white) ;

lw[c].setBackground(new Color(0xff3300)) ;

lw[c].setBorder(BorderFactory.createEtchedBorder()) ;

c++ ;

x += 70 ;

}

y += 80 ;

}

c = 0 ; y = 0 ;

rw = new JButton[10] ;

for( int i = 0 ; i < 5 ; i ++ )

{

int x = 0 ;

int ch = 0 ;

for ( int j = 0 ; j < 2 ; j ++ )

{

rw[c] = new JButton((Integer.toString(c+1) + "B" )) ;

rw[c].setBounds((500+x),(20+y),60,60) ;

rw[c].addActionListener(this) ;

rw[c].setFocusable(false) ;

rw[c].setVisible(true) ;

rw[c].setForeground(Color.white) ;

rw[c].setBackground(new Color(0xff3300)) ;

rw[c].setBorder(BorderFactory.createEtchedBorder()) ;

c++ ;

x += 70 ;

}

ch ++ ;

y += 80 ;

}

c = 0 ; y = 0 ;

int ch = 0 ;

ct = new JButton[20] ;

for( int i = 0 ; i < 4 ; i ++ )

{

int x = 0 ;

for ( int j = 0 ; j < 5 ; j ++ )

{

ct[c] = new JButton((Integer.toString(c+1) + Character.toString((char)(67+ch)))) ;

ct[c].setBounds((150+x),(100+y),60,60) ;

ct[c].addActionListener(this) ;

ct[c].setFocusable(false) ;

ct[c].setVisible(true) ;

ct[c].setForeground(Color.white) ;

ct[c].setBackground(new Color(0xff3300)) ;

ct[c].setBorder(BorderFactory.createEtchedBorder()) ;

c++ ;

x += 70 ;

}

y += 80 ;

ch++ ;

}

int arr[] = new int[40] ;

File obj = new File() ;

obj.FileRead(arr) ;

for(int i = 0 ; i < 40 ; i ++)

{

if( arr[i] != 0 )

{

if(arr[i] <= 10)

{

lw[arr[i]-1].setBackground(Color.lightGray) ;

lw[arr[i]-1].setEnabled(false) ;

}

else if(arr[i] <= 20)

{

rw[arr[i]-11].setBackground(Color.lightGray) ;

rw[arr[i]-11].setEnabled(false) ;

}

else

{

ct[arr[i]-21].setBackground(Color.lightGray) ;

ct[arr[i]-21].setEnabled(false) ;

}

}

else

{

break ;

}

}

this.setTitle("Movie Mania") ;

//this.setLayout(null) ;

this.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE) ;

//this.setSize(655,458) ;

this.setResizable(false) ;

this.setVisible(true) ;

//ImageIcon ic = new ImageIcon("LOGO.png") ;

this.setIconImage((new ImageIcon("LOGO.png")).getImage()) ;

for( int i = 0 ; i < 10 ; i++ )

{

this.add(lw[i]) ;

this.add(rw[i]) ;

}

for( int i = 0 ; i < 20 ; i ++ )

{

this.add(ct[i]) ;

}

this.add(lb) ;

this.pack() ;

}

@Override

public void actionPerformed(ActionEvent e)

{

for ( int i = 0 ; i < 10 ; i ++ )

{

if ( e.getSource() == lw[i] )

{

lw[i].setBackground(Color.green) ;

lw[i].setEnabled(false) ;

arr[count++] = i+1 ;

break ;

}

if ( e.getSource() == rw[i] )

{

rw[i].setBackground(Color.green) ;

rw[i].setEnabled(false) ;

arr[count++] = 11 + i ;

break ;

}

}

for ( int i = 0 ; i < 20 ; i ++ )

{

if ( e.getSource() == ct[i] )

{

ct[i].setBackground(Color.green) ;

ct[i].setEnabled(false) ;

arr[count++] = 21 + i ;

break ;

}

}

if ( count == n )

{

this.dispose() ;

File obj = new File() ;

obj.FileWrite(str , arr) ;

}

}

}