Lab 8 Code/Output Sol Ben-Ishay

Code:

FindorDie.java

```
FindOrDie.java
import java.util.ArrayList;
Integer.parseInt(JOptionPane.showInputDialog(null, "How big of a board (nxn)
                JOptionPane.showMessageDialog(null, "The board size must be an
        frame.setDefaultCloseOperation(JFrame.EXIT ON CLOSE);
```

```
cells.get(i).setBorder(BorderFactory.createLineBorder(Color.BLACK));
            int cellNum = i;
            cells.get(i).addMouseListener(new MouseAdapter() {
                public void mouseClicked(MouseEvent e) {
                        JOptionPane.showMessageDialog(null, "Cell was already
                            JOptionPane.showMessageDialog(null, "You clicked
                            JOptionPane.showMessageDialog(null, "You clicked a
                            int takeChance =
                            while ((takeChance != 0) && (takeChance != 1)) {
                                takeChance =
Integer.parseInt(JOptionPane.showInputDialog(null,"Invalid choice! Please
                                    JOptionPane.showMessageDialog(null, "You
                                    JOptionPane.showMessageDialog(null, "You
```

```
mainPanel.add(cells.get(i));
frame.setSize(600,450);
frame.setVisible(true);
```

FindOrDieGUI.java

```
FindOrDieGUI.java

package FindOrDieGame;

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

```
FindOrDieGUI() {
Integer.parseInt(JOptionPane.showInputDialog(null, "How big of a board (nxn)
        JPanel mainPanel = new JPanel();
            int cellNum = i;
                    if (game.cellClicked.get(cellNum)) {
                        JOptionPane.showMessageDialog(null, "Cell was already
```

```
JOptionPane.showMessageDialog(null, "You clicked
                        else if (game.mineLocations.contains(cellNum)) {
                                takeChance =
Integer.parseInt(JOptionPane.showInputDialog(null, "Invalid choice! Please
                                int dieValue = dice.nextInt(6) + 1;
                                    JOptionPane.showMessageDialog(null, "You
                                    JOptionPane.showMessageDialog(null, "You
```

```
}
});

// Add the cells/JButtons to the main panel
    mainPanel.add(cells.get(i));
}

// Layout
    frame.setSize(600, 450);
    mainPanel.setLayout(new java.awt.GridLayout(game.boardDimension,
game.boardDimension));
    mainPanel.setPreferredSize(new Dimension(400, 400));

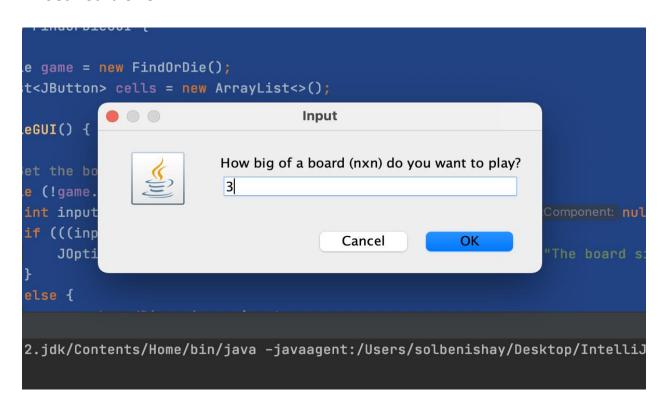
// Add Panel to Frame
    frame.add(mainPanel);

// Set Visible
    frame.setVisible(true);
}

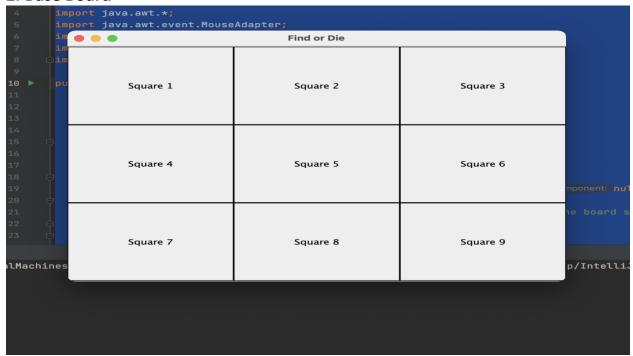
public static void main(String[] args) {
    FindOrDieGUI play = new FindOrDieGUI();
}
```

Output:

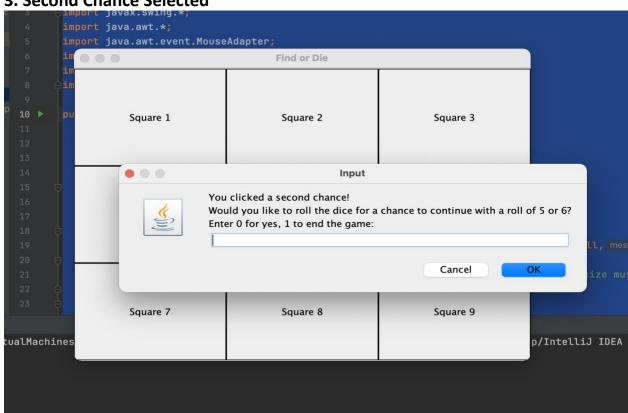
1. Set Board Size



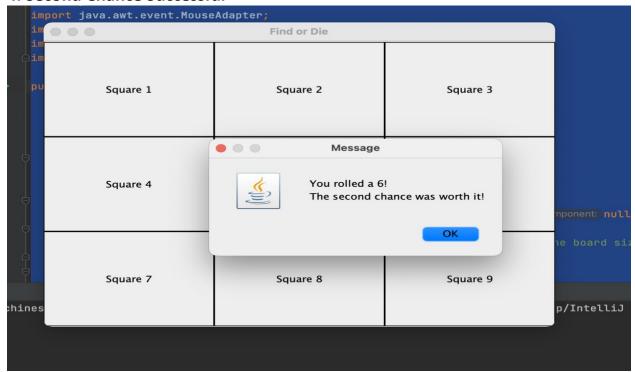
2. Base Board



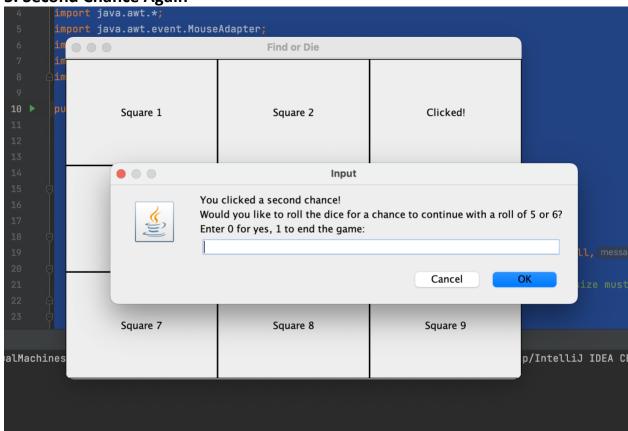
3. Second Chance Selected



4. Second Chance Successful



5. Second Chance Again



6. Second Chance Unsuccessful. Game over!

