

```

public class MainMenu {
    public static void main(String[] args) {
        intialGUI();
    }

    public static void intialGUI(){
        JFrame frame = new JFrame("Battleships");
        frame.setSize(2000,1000);
        frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        frame.setLayout(new GridBagLayout());
        GridBagConstraints constraints = new GridBagConstraints();
        Playground playground = new Playground();
        constraints.insets = new Insets(11,11,11,11);
        constraints.gridwidth = 1;
        constraints.gridheight = 1;
        for(int i = 0; i < playground.getPlayground().length; i++){
            constraints.gridx = i+1;
            constraints.gridy = 0;
            JLabel letterLabel = new JLabel("A");
            frame.getContentPane().add(letterLabel,constraints);
            constraints.gridx = 0;
            constraints.gridy = i+1;
            JLabel numberLabel = new JLabel("1");
            frame.getContentPane().add(numberLabel,constraints);
            for (int j = 0; j < playground.getPlayground()[i].length; j++){
                constraints.gridx = i+1;
                constraints.gridy = j+1;

frame.getContentPane().add(playground.getPlayground()[i][j], constraints);
            }
        }
        frame.setVisible(true);
    }
}

```

```

public class Playground {

    private JButton [][] playground = new JButton[10][10];

    public Playground() {
        for(int i=0;i<playground.length;i++){
            for (int j=0;j<playground[i].length;j++){
                playground[i][j] = new JButton();
                playground[i][j].setPreferredSize(new Dimension(20,20));
            }
        }
    }

    public JButton[][] getPlayground() {
        return playground;
    }
}

```

[illegible]