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1  import java.awt.*;
2  import java.awt.event.*;
3  public class TextEditor extends Frame
4  {
5  private TextArea textArea;
6  private Choice fontSizeChoice;
7  private Choice fontStyleChoice;
8  private Button applyButton;
9  public TextEditor()
10 {
11     setTitle("Text Editor");
12     setSize(600,400);
13     setLayout(new BorderLayout());
14     textArea=new TextArea();
15     add(textArea,BorderLayout.CENTER);
16     Panel controlPanel=new Panel();
17     controlPanel.setLayout(new FlowLayout());
18     fontSizeChoice=new Choice();
19     for(int i=8;i<=72;i=2)
20     {
21         fontSizeChoice.add(String.valueOf(i));
22     }
23     controlPanel.add(new Label("Font Size:"));
24     controlPanel.add(fontSizeChoice);
25     fontStyleChoice=new Choice();
26     fontStyleChoice.add("Plain");
27     fontStyleChoice.add("Bold");
28     fontStyleChoice.add("Italic");
29     controlPanel.add(new Label("Font Style:"));
30     controlPanel.add(fontStyleChoice);
31     applyButton=new Button("Apply");
32     controlPanel.add(applyButton);
33     applyButton.addActionListener(new ActionListener()
34     {
35         public void actionPerformed(ActionEvent e)
36         {
37             applyFont();
38         }
39     });
40     add(controlPanel,BorderLayout.SOUTH);
41     addWindowListener(new WindowAdapter()
42     {
43         public void WindowClosing(WindowEvent we)
44         {
45             dispose();
46         }
47     });
48     fontSizeChoice.select("12");
49     fontStyleChoice.select("Plain");
50 }
51 private void applyFont()
52 {
53     int fontSize=Integer.parseInt(fontSizeChoice.getSelectedItem());
54     String fontStyle=fontStyleChoice.getSelectedItem();
55     int style=Font.PLAIN;
56     if(fontStyle.equals("Bold"))
57     {
58         style=Font.BOLD;
59     }
60     else if(fontStyle.equals("Italic"))
61     {
62         style=Font.ITALIC;
63     }
64     Font font=new Font("serif",style,fontSize);
65     textArea.setFont(font);
66 }
67 public static void main(String[] args)
68 {
69     TextEditor editor=new TextEditor();
70     editor.setVisible(true);
71 }
72 }

```