

Termini.java

```

1 package pacOrg;
2
3 import java.awt.BorderLayout;
30
31 public class Termini extends JFrame {
32
33     /**
34      *
35      */
36     private static final long serialVersionUID = 4953548899717473045L;
37     private JPanel contentPane;
38     private JTextField textField_0int;
39     private JTextField textField_1;
40     private JTextField textField_2;
41     private JTextField textField_3int;
42     private JTextField textField_4int;
43     private JTextField textField_5;
44
45     public Firma firma = new Firma();
46
47     /**
48      * Launch the application.
49      */
50     public static void main(String[] args) {
51         EventQueue.invokeLater(new Runnable() {
52             public void run() {
53                 try {
54                     Termini frame = new Termini();
55                     frame.setVisible(true);
56                     frame.setResizable(false);
57                 } catch (Exception e) {
58                     e.printStackTrace();
59                 }
60             }
61         });
62     }
63
64     /**
65      * Create the frame.
66      */
67     public Termini() {
68         setTitle("Zakazivanje termina");
69         setBounds(100, 100, 474, 228);
70         contentPane = new JPanel();
71         contentPane.setBackground(new Color(0, 128, 0));
72         contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
73         setContentPane(contentPane);
74         contentPane.setLayout(null);
75
76         Panel panel = new Panel();
77         panel.setBackground(new Color(0, 128, 0));
78         panel.setBounds(10, 10, 182, 169);
79         contentPane.add(panel);
80         GridBagLayout gbl_panel = new GridBagLayout();
81         gbl_panel.columnWidths = new int[]{0, 0};
82         gbl_panel.rowHeights = new int[]{0, 0, 0, 0, 0, 0, 0};
83         gbl_panel.columnWeights = new double[]{1.0, Double.MIN_VALUE};
84         gbl_panel.rowWeights = new double[]{0.0, 0.0, 0.0, 0.0, 0.0, 0.0,
Double.MIN_VALUE};
85         panel.setLayout(gbl_panel);
86
87         JButton btnNewButton = new JButton("Unos podataka");

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88      btnNewButton.setFont(new Font("MS Gothic", Font.ITALIC, 12));
89      btnNewButton.addActionListener(new ActionListener() {
90          public void actionPerformed(ActionEvent e) {
91
92              firma.loadTermini("termini.txt");
93
94              String id = textField_0int.getText().trim();
95
96              if (Mwain.isNumber(id)== true) {
97
98                  int idX = Integer.parseInt(id);
99
100                 String vremePocetno = textField_3int.getText().trim();
101                 if (Mwain.isDecimalNumber(vremePocetno)== true) {
102
103                     double vremePocetnoX = Double.parseDouble(vremePocetno);
104
105                     String vremeKrajnje = textField_4int.getText().trim();
106                     if (Mwain.isDecimalNumber(vremeKrajnje)== true) {
107
108                         double vremekranjeX = Double.parseDouble(vremeKrajnje);
109
110                         String ime = textField_1.getText().trim();
111                         String prezime = textField_2.getText().trim();
112                         String datum = textField_5.getText().trim();
113
114                         TerminiOrd ord = new TerminiOrd(idX, ime, prezime,
vremePocetnoX, vremekranjeX, datum);
115
116                         boolean provera = firma.dodavanjeTermina(ord);
117                         if (provera) {
118                             //JOptionPane.showMessageDialog(null, "Pacijent je uspesno
unet u listu.");
119                             JOptionPane.showMessageDialog(null, "Pacijent je uspesno
unet u listu.", "Operacija uspesno izvrшена. !", 1);
120
121                         }else {
122                             JOptionPane.showMessageDialog(null, "Pacijent nije uspesno
unet u listu.", "Operacija neuspesno izvrшена. !", 1);
123                             //JOptionPane.showMessageDialog(null, "Pacijent nije
uspesno unet u listu.");
124
125                         }
126
127                     } else {
128                         JOptionPane.showMessageDialog(null, "Ovde mozete uneti samo
broj !", "Greska pri unosu !", 1);
129
130                     }
131
132                 } else {
133                     JOptionPane.showMessageDialog(null, "Ovde mozete uneti samo broj
!", "Greska pri unosu !", 1);
134                 }
135
136             } else {
137
138                 } else {
139                     JOptionPane.showMessageDialog(null, "Ovde mozete uneti samo broj !",
"Greska pri unosu !", 1);
140                 }
141

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142
143     }
144 });
145 btnNewButton.setToolTipText("Unos svih podataka iz tabele.");
146 GridBagConstraints gbc_btnNewButton = new GridBagConstraints();
147 gbc_btnNewButton.fill = GridBagConstraints.HORIZONTAL;
148 gbc_btnNewButton.insets = new Insets(0, 0, 5, 0);
149 gbc_btnNewButton.gridx = 0;
150 gbc_btnNewButton.gridy = 0;
151 panel.add(btnNewButton, gbc_btnNewButton);
152
153 JButton btnNewButton_1 = new JButton("Lista Svih P");
154 btnNewButton_1.setFont(new Font("MS Gothic", Font.ITALIC, 12));
155 btnNewButton_1.addActionListener(new ActionListener() {
156     public void actionPerformed(ActionEvent e) {
157         //Console console = new Console();
158         //console.init();
159         //firma.loadTermini("termini.txt");
160         ConsoleX consoleX = new ConsoleX();
161         consoleX.init();
162         firma.lstTermina();
163     }
164 });
165 btnNewButton_1.setToolTipText("lista svih unetih podataka iz liste termina.");
166 GridBagConstraints gbc_btnNewButton_1 = new GridBagConstraints();
167 gbc_btnNewButton_1.fill = GridBagConstraints.HORIZONTAL;
168 gbc_btnNewButton_1.insets = new Insets(0, 0, 5, 0);
169 gbc_btnNewButton_1.gridx = 0;
170 gbc_btnNewButton_1.gridy = 1;
171 panel.add(btnNewButton_1, gbc_btnNewButton_1);
172
173 JButton btnNewButton_2 = new JButton("Lista Ime&Prez");
174 btnNewButton_2.setFont(new Font("MS Gothic", Font.ITALIC, 12));
175 btnNewButton_2.addActionListener(new ActionListener() {
176     public void actionPerformed(ActionEvent e) {
177
178         String ime = textField_1.getText().trim();
179         String prezime = textField_2.getText().trim();
180         ConsoleX consoleX = new ConsoleX();
181         consoleX.init();
182         firma.lstImePrezimeTermini(ime, prezime);
183
184     }
185 });
186 btnNewButton_2.setToolTipText("lista svih unetih podataka iz liste termina sa ovim
187 imenom i prezimenom.");
188 GridBagConstraints gbc_btnNewButton_2 = new GridBagConstraints();
189 gbc_btnNewButton_2.fill = GridBagConstraints.HORIZONTAL;
190 gbc_btnNewButton_2.insets = new Insets(0, 0, 5, 0);
191 gbc_btnNewButton_2.gridx = 0;
192 gbc_btnNewButton_2.gridy = 2;
193 panel.add(btnNewButton_2, gbc_btnNewButton_2);
194
195 JButton btnNewButton_3 = new JButton("Brisanje po ID");
196 btnNewButton_3.setFont(new Font("MS Gothic", Font.ITALIC, 12));
197 btnNewButton_3.setToolTipText("Brisanje jedne instance podataka po ID");
198 btnNewButton_3.addActionListener(new ActionListener() {
199     public void actionPerformed(ActionEvent e) {
200
201         firma.loadTermini("termini.txt");
202

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203         String idX = null;
204         idX = textField_0int.getText().trim();
205
206
207         if (Mwain.isNumber(idX)) {
208             int id = Integer.parseInt(idX);
209             TerminiOrd provera = firma.TerminBrisanjeID(id);
210             if (provera == null) {
211                 JOptionPane.showMessageDialog(null, "Zadati broj ne postoji u
212 listi", "GRESKA PRI UNOSU !", 1);
213             }else {
214                 JOptionPane.showMessageDialog(null, "Brisanje preko ID je uspesno
215 uradjeno", "Ok operacija izvrшена.", 1);
216             }
217         }else {
218             JOptionPane.showMessageDialog(null, "Morate uneti validan broj.",
219 "GRESKA PRI UNOSU !", 1);
220         }
221
222     }
223 });
224 GridBagConstraints gbc_btnNewButton_3 = new GridBagConstraints();
225 gbc_btnNewButton_3.fill = GridBagConstraints.HORIZONTAL;
226 gbc_btnNewButton_3.insets = new Insets(0, 0, 5, 0);
227 gbc_btnNewButton_3.gridx = 0;
228 gbc_btnNewButton_3.gridy = 3;
229 panel.add(btnNewButton_3, gbc_btnNewButton_3);
230
231 JButton btnNewButton_4 = new JButton("Brisanje Ime&prez");
232 btnNewButton_4.setFont(new Font("MS Gothic", Font.ITALIC, 12));
233 btnNewButton_4.setToolTipText("Brisanje jedne instance podataka po imenu i
234 prezimenu.");
235 btnNewButton_4.addActionListener(new ActionListener() {
236     public void actionPerformed(ActionEvent e) {
237
238         String ime = textField_1.getText().trim();
239         String prezime = textField_2.getText().trim();
240
241         firma.TerminBrisanjeImePrezime(ime, prezime);
242
243     }
244 });
245 });
246 GridBagConstraints gbc_btnNewButton_4 = new GridBagConstraints();
247 gbc_btnNewButton_4.anchor = GridBagConstraints.BELOW_BASELINE;
248 gbc_btnNewButton_4.fill = GridBagConstraints.HORIZONTAL;
249 gbc_btnNewButton_4.insets = new Insets(0, 0, 5, 0);
250 gbc_btnNewButton_4.gridx = 0;
251 gbc_btnNewButton_4.gridy = 4;
252 panel.add(btnNewButton_4, gbc_btnNewButton_4);
253
254 Panel panel_1 = new Panel();
255 panel_1.setBackground(new Color(211, 211, 211));
256 panel_1.setBounds(198, 10, 257, 169);
257 contentPane.add(panel_1);
258 GridBagLayout gbl_panel_1 = new GridBagLayout();
259 gbl_panel_1.columnWidths = new int[]{0, 0, 0, 0, 0};
260 gbl_panel_1.rowHeights = new int[]{0, 0, 0, 0, 0, 0, 0};

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261     gbl_panel_1.columnWeights = new double[]{1.0, 0.0, 0.0, 1.0, Double.MIN_VALUE};
262     gbl_panel_1.rowWeights = new double[]{0.0, 0.0, 0.0, 0.0, 0.0, 0.0,
Double.MIN_VALUE};
263     panel_1.setLayout(gbl_panel_1);
264
265     JLabel lblNewLabel = new JLabel("Broj redosleda");
266     lblNewLabel.setFont(new Font("MS Gothic", Font.ITALIC, 12));
267     lblNewLabel.setHorizontalAlignment(SwingConstants.CENTER);
268     GridBagConstraints gbc_lblNewLabel = new GridBagConstraints();
269     gbc_lblNewLabel.fill = GridBagConstraints.HORIZONTAL;
270     gbc_lblNewLabel.gridwidth = 3;
271     gbc_lblNewLabel.insets = new Insets(0, 0, 5, 5);
272     gbc_lblNewLabel.gridx = 0;
273     gbc_lblNewLabel.gridy = 0;
274     panel_1.add(lblNewLabel, gbc_lblNewLabel);
275
276     textField_0int = new JTextField();
277     textField_0int.setToolTipText("Polje ocekuj int broj");
278     GridBagConstraints gbc_textField_0int = new GridBagConstraints();
279     gbc_textField_0int.insets = new Insets(0, 0, 5, 0);
280     gbc_textField_0int.fill = GridBagConstraints.HORIZONTAL;
281     gbc_textField_0int.gridx = 3;
282     gbc_textField_0int.gridy = 0;
283     panel_1.add(textField_0int, gbc_textField_0int);
284     textField_0int.setColumns(10);
285
286     JLabel lblNewLabel_1 = new JLabel("Ime");
287     lblNewLabel_1.setFont(new Font("MS Gothic", Font.ITALIC, 12));
288     lblNewLabel_1.setHorizontalAlignment(SwingConstants.CENTER);
289     GridBagConstraints gbc_lblNewLabel_1 = new GridBagConstraints();
290     gbc_lblNewLabel_1.fill = GridBagConstraints.HORIZONTAL;
291     gbc_lblNewLabel_1.gridwidth = 3;
292     gbc_lblNewLabel_1.insets = new Insets(0, 0, 5, 5);
293     gbc_lblNewLabel_1.gridx = 0;
294     gbc_lblNewLabel_1.gridy = 1;
295     panel_1.add(lblNewLabel_1, gbc_lblNewLabel_1);
296
297     textField_1 = new JTextField();
298     textField_1.setToolTipText("polje ocekuj String bilo sta");
299     GridBagConstraints gbc_textField_1 = new GridBagConstraints();
300     gbc_textField_1.insets = new Insets(0, 0, 5, 0);
301     gbc_textField_1.fill = GridBagConstraints.HORIZONTAL;
302     gbc_textField_1.gridx = 3;
303     gbc_textField_1.gridy = 1;
304     panel_1.add(textField_1, gbc_textField_1);
305     textField_1.setColumns(10);
306
307     JLabel lblNewLabel_2 = new JLabel("Prezime");
308     lblNewLabel_2.setFont(new Font("MS Gothic", Font.ITALIC, 12));
309     lblNewLabel_2.setHorizontalAlignment(SwingConstants.CENTER);
310     GridBagConstraints gbc_lblNewLabel_2 = new GridBagConstraints();
311     gbc_lblNewLabel_2.fill = GridBagConstraints.HORIZONTAL;
312     gbc_lblNewLabel_2.gridwidth = 3;
313     gbc_lblNewLabel_2.insets = new Insets(0, 0, 5, 5);
314     gbc_lblNewLabel_2.gridx = 0;
315     gbc_lblNewLabel_2.gridy = 2;
316     panel_1.add(lblNewLabel_2, gbc_lblNewLabel_2);
317
318     textField_2 = new JTextField();
319     textField_2.setToolTipText("polje ocekuj String bilo sta");
320     GridBagConstraints gbc_textField_2 = new GridBagConstraints();
321     gbc_textField_2.insets = new Insets(0, 0, 5, 0);

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322 gbc_textField_2.fill = GridBagConstraints.HORIZONTAL;
323 gbc_textField_2.gridx = 3;
324 gbc_textField_2.gridy = 2;
325 panel_1.add(textField_2, gbc_textField_2);
326 textField_2.setColumns(10);
327
328 JLabel lblNewLabel_3 = new JLabel("Vreme Pocetno");
329 lblNewLabel_3.setFont(new Font("MS Gothic", Font.ITALIC, 12));
330 lblNewLabel_3.setHorizontalAlignment(SwingConstants.CENTER);
331 GridBagConstraints gbc_lblNewLabel_3 = new GridBagConstraints();
332 gbc_lblNewLabel_3.fill = GridBagConstraints.HORIZONTAL;
333 gbc_lblNewLabel_3.gridwidth = 3;
334 gbc_lblNewLabel_3.insets = new Insets(0, 0, 5, 5);
335 gbc_lblNewLabel_3.gridx = 0;
336 gbc_lblNewLabel_3.gridy = 3;
337 panel_1.add(lblNewLabel_3, gbc_lblNewLabel_3);
338
339 textField_3int = new JTextField();
340 textField_3int.setToolTipText("Polje ocekuj int broj");
341 GridBagConstraints gbc_textField_3int = new GridBagConstraints();
342 gbc_textField_3int.insets = new Insets(0, 0, 5, 0);
343 gbc_textField_3int.fill = GridBagConstraints.HORIZONTAL;
344 gbc_textField_3int.gridx = 3;
345 gbc_textField_3int.gridy = 3;
346 panel_1.add(textField_3int, gbc_textField_3int);
347 textField_3int.setColumns(10);
348
349 JLabel lblNewLabel_4 = new JLabel("Vreme Kranje");
350 lblNewLabel_4.setFont(new Font("MS Gothic", Font.ITALIC, 12));
351 lblNewLabel_4.setHorizontalAlignment(SwingConstants.CENTER);
352 GridBagConstraints gbc_lblNewLabel_4 = new GridBagConstraints();
353 gbc_lblNewLabel_4.fill = GridBagConstraints.HORIZONTAL;
354 gbc_lblNewLabel_4.gridwidth = 3;
355 gbc_lblNewLabel_4.insets = new Insets(0, 0, 5, 5);
356 gbc_lblNewLabel_4.gridx = 0;
357 gbc_lblNewLabel_4.gridy = 4;
358 panel_1.add(lblNewLabel_4, gbc_lblNewLabel_4);
359
360 textField_4int = new JTextField();
361 textField_4int.setToolTipText("Polje ocekuj int broj");
362 GridBagConstraints gbc_textField_4int = new GridBagConstraints();
363 gbc_textField_4int.insets = new Insets(0, 0, 5, 0);
364 gbc_textField_4int.fill = GridBagConstraints.HORIZONTAL;
365 gbc_textField_4int.gridx = 3;
366 gbc_textField_4int.gridy = 4;
367 panel_1.add(textField_4int, gbc_textField_4int);
368 textField_4int.setColumns(10);
369
370 JLabel lblNewLabel_5 = new JLabel("Datum");
371 lblNewLabel_5.setFont(new Font("MS Gothic", Font.ITALIC, 12));
372 lblNewLabel_5.setHorizontalAlignment(SwingConstants.CENTER);
373 GridBagConstraints gbc_lblNewLabel_5 = new GridBagConstraints();
374 gbc_lblNewLabel_5.fill = GridBagConstraints.HORIZONTAL;
375 gbc_lblNewLabel_5.gridwidth = 3;
376 gbc_lblNewLabel_5.insets = new Insets(0, 0, 0, 5);
377 gbc_lblNewLabel_5.gridx = 0;
378 gbc_lblNewLabel_5.gridy = 5;
379 panel_1.add(lblNewLabel_5, gbc_lblNewLabel_5);
380
381 textField_5 = new JTextField();
382 textField_5.setToolTipText("Polje ocekuj int broj");
383 GridBagConstraints gbc_textField_5 = new GridBagConstraints();

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384     gbc_textField_5.fill = GridBagConstraints.HORIZONTAL;
385     gbc_textField_5.gridx = 3;
386     gbc_textField_5.gridy = 5;
387     panel_1.add(textField_5, gbc_textField_5);
388     textField_5.setColumns(10);
389 }
390
391
392 class ConsoleX {
393
394     final JFrame frame = new JFrame();
395     public ConsoleX() {
396         JTextArea textArea = new JTextArea(24, 80);
397         textArea.setBackground(Color.BLACK);
398         textArea.setForeground(Color.LIGHT_GRAY);
399         textArea.setFont(new Font(Font.MONOSPACED, Font.PLAIN, 14));
400         System.setOut(new PrintStream(new OutputStream() {
401
402             @Override
403             public void write(int b) throws IOException {
404                 textArea.append(String.valueOf((char) b));
405             }
406         }));
407         frame.getContentPane().add(textArea);
408         frame.getContentPane().add(new JScrollPane(textArea,
409 JScrollPane.VERTICAL_SCROLLBAR_ALWAYS,
410 JScrollPane.HORIZONTAL_SCROLLBAR_ALWAYS));
411     }
412     public void init() {
413         frame.pack();
414         frame.setSize(840, 400);
415         frame.setVisible(true);
416     }
417     public JFrame getJframe() {
418         return frame;
419     }
420
421 }
422
423
424
425 }
426

```