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1. import java.awt.*;
2. import java.awt.event.*;
3. import javax.swing.*;
4.
5. class OnlineTest extends JFrame implements ActionListener
6. {
7.     JLabel l;
8.     JRadioButton jb[]=new JRadioButton[5];
9.     JButton b1,b2;
10.    ButtonGroup bg;
11.    int count=0,current=0,x=1,y=1,now=0;
12.    int m[]=new int[10];
13.    OnlineTest(String s)
14.    {
15.        super(s);
16.        l=new JLabel();
17.        add(l);
18.        bg=new ButtonGroup();
19.        for(int i=0;i<5;i++)
20.        {
21.            jb[i]=new JRadioButton();
22.            add(jb[i]);
23.            bg.add(jb[i]);
24.        }
25.        b1=new JButton("Next");
26.        b2=new JButton("Bookmark");
27.        b1.addActionListener(this);
28.        b2.addActionListener(this);
29.        add(b1);add(b2);
30.        set();
31.        l.setBounds(30,40,450,20);
32.        jb[0].setBounds(50,80,100,20);
33.        jb[1].setBounds(50,110,100,20);
34.        jb[2].setBounds(50,140,100,20);
35.        jb[3].setBounds(50,170,100,20);
36.        b1.setBounds(100,240,100,30);
37.        b2.setBounds(270,240,100,30);
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38.     setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
39.     setLayout(null);
40.     setLocation(250,100);
41.     setVisible(true);
42.     setSize(600,350);
43. }
44. public void actionPerformed(ActionEvent e)
45. {
46.     if(e.getSource()==b1)
47.     {
48.         if(check())
49.             count=count+1;
50.         current++;
51.         set();
52.         if(current==9)
53.         {
54.             b1.setEnabled(false);
55.             b2.setText("Result");
56.         }
57.     }
58.     if(e.getActionCommand().equals("Bookmark"))
59.     {
60.         JButton bk=new JButton("Bookmark"+x);
61.         bk.setBounds(480,20+30*x,100,30);
62.         add(bk);
63.         bk.addActionListener(this);
64.         m[x]=current;
65.         x++;
66.         current++;
67.         set();
68.         if(current==9)
69.             b2.setText("Result");
70.         setVisible(false);
71.         setVisible(true);
72.     }
73.     for(int i=0,y=1;i<x;i++,y++)
74.     {

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75.     if(e.getActionCommand().equals("Bookmark"+y))
76.     {
77.         if(check())
78.             count=count+1;
79.         now=current;
80.         current=m[y];
81.         set();
82.         ((JButton)e.getSource()).setEnabled(false);
83.         current=now;
84.     }
85. }
86.
87. if(e.getActionCommand().equals("Result"))
88. {
89.     if(check())
90.         count=count+1;
91.     current++;
92.     //System.out.println("correct ans="+count);
93.     JOptionPane.showMessageDialog(this,"correct ans="+count);
94.     System.exit(0);
95. }
96. }
97. void set()
98. {
99.     jb[4].setSelected(true);
100.     if(current==0)
101.     {
102.         l.setText("Que1: Which one among these is not a primitive datatype?");
103.         jb[0].setText("int");jb[1].setText("Float");jb[2].setText("boolean");jb[3].setText("char");
104.     }
105.     if(current==1)
106.     {
107.         l.setText("Que2: Which class is available to all the class automatically?");

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108.         jb[0].setText("Swing");jb[1].setText("Applet");jb[2].setText("Object");jb[3].setText("ActionEvent");
109.     }
110.     if(current==2)
111.     {
112.         l.setText("Que3: Which package is directly available to our class without importing it?");
113.         jb[0].setText("swing");jb[1].setText("applet");jb[2].setText("net");jb[3].setText("lang");
114.     }
115.     if(current==3)
116.     {
117.         l.setText("Que4: String class is defined in which package?");
118.         jb[0].setText("lang");jb[1].setText("Swing");jb[2].setText("Applet");jb[3].setText("awt");
119.     }
120.     if(current==4)
121.     {
122.         l.setText("Que5: Which institute is best for java coaching?");
123.         jb[0].setText("Utek");jb[1].setText("Aptech");jb[2].setText("SSS IT");jb[3].setText("jtek");
124.     }
125.     if(current==5)
126.     {
127.         l.setText("Que6: Which one among these is not a keyword?");
128.         jb[0].setText("class");jb[1].setText("int");jb[2].setText("get");jb[3].setText("if");
129.     }
130.     if(current==6)
131.     {
132.         l.setText("Que7: Which one among these is not a class? ");
133.         jb[0].setText("Swing");jb[1].setText("Actionperformed");jb[2].setText("ActionEvent");
134.         jb[3].setText("Button");
135.     }
136.     if(current==7)
137.     {

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138.         l.setText("Que8: which one among these is not a function of Obj
           ect class?");
139.         jb[0].setText("toString");jb[1].setText("finalize");jb[2].setText("equ
           als");
140.             jb[3].setText("getDocumentBase");
141.         }
142.         if(current==8)
143.         {
144.             l.setText("Que9: which function is not present in Applet class?");

145.             jb[0].setText("init");jb[1].setText("main");jb[2].setText("start");jb[3]
           .setText("destroy");
146.         }
147.         if(current==9)
148.         {
149.             l.setText("Que10: Which one among these is not a valid compon
           ent?");
150.             jb[0].setText("JButton");jb[1].setText("JList");jb[2].setText("JButto
           nGroup");
151.             jb[3].setText("JTextArea");
152.         }
153.         l.setBounds(30,40,450,20);
154.         for(int i=0,j=0;i<=90;i+=30,j++)
155.             jb[j].setBounds(50,80+i,200,20);
156.     }
157.     boolean check()
158.     {
159.         if(current==0)
160.             return(jb[1].isSelected());
161.         if(current==1)
162.             return(jb[2].isSelected());
163.         if(current==2)
164.             return(jb[3].isSelected());
165.         if(current==3)
166.             return(jb[0].isSelected());
167.         if(current==4)
168.             return(jb[2].isSelected());

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169.         if(current==5)
170.             return(jb[2].isSelected());
171.         if(current==6)
172.             return(jb[1].isSelected());
173.         if(current==7)
174.             return(jb[3].isSelected());
175.         if(current==8)
176.             return(jb[1].isSelected());
177.         if(current==9)
178.             return(jb[2].isSelected());
179.         return false;
180.     }
181.     public static void main(String s[])
182.     {
183.         new OnlineTest("Online Test Of Java");
184.     }
185. }
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