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package onlinetest;

import java.awt.\*;

import java.awt.event.\*;

import javax.swing.\*;

class OnlineTest extends JFrame implements ActionListener

{

JLabel l;

JRadioButton jb[]=new JRadioButton[5];

JButton b1,b2;

ButtonGroup bg;

int count=0,current=0,x=1,y=1,now=0;

int m[]=new int[10];

OnlineTest(String s)

{

super(s);

l=new JLabel();

add(l);

bg=new ButtonGroup();

for(int i=0;i<5;i++)

{

jb[i]=new JRadioButton();

add(jb[i]);

bg.add(jb[i]);

}

b1=new JButton("Next");

b2=new JButton("Bookmark");

b1.addActionListener(this);

b2.addActionListener(this);

add(b1);add(b2);

set();

l.setBounds(30,40,450,20);

jb[0].setBounds(50,80,100,20);

jb[1].setBounds(50,110,100,20);

jb[2].setBounds(50,140,100,20);

jb[3].setBounds(50,170,100,20);

b1.setBounds(100,240,100,30);

b2.setBounds(270,240,100,30);

setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

setLayout(null);

setLocation(250,100);

setVisible(true);

setSize(600,350);

}

public void actionPerformed(ActionEvent e)

{

if(e.getSource()==b1)

{

if(check())

count=count+1;

current++;

set();

if(current==9)

{

b1.setEnabled(false);

b2.setText("Result");

}

}

if(e.getActionCommand().equals("Bookmark"))

{

JButton bk=new JButton("Bookmark"+x);

bk.setBounds(480,20+30\*x,100,30);

add(bk);

bk.addActionListener(this);

m[x]=current;

x++;

current++;

set();

if(current==9)

b2.setText("Result");

setVisible(false);

setVisible(true);

}

for(int i=0,y=1;i<x;i++,y++)

{

if(e.getActionCommand().equals("Bookmark"+y))

{

if(check())

count=count+1;

now=current;

current=m[y];

set();

((JButton)e.getSource()).setEnabled(false);

current=now;

}

}

if(e.getActionCommand().equals("Result"))

{

if(check())

count=count+1;

current++;

//System.out.println("correct ans="+count);

JOptionPane.showMessageDialog(this,"correct ans="+count);

System.exit(0);

}

}

void set()

{

jb[4].setSelected(true);

if(current==0)

{

l.setText("Que1: Which one among these is not a primitive datatype?");

jb[0].setText("int");jb[1].setText("Float");jb[2].setText("boolean");jb[3].setText("char");

}

if(current==1)

{

l.setText("Que2: Which class is available to all the class automatically?");

jb[0].setText("Swing");jb[1].setText("Applet");jb[2].setText("Object");jb[3].setText("ActionEvent");

}

if(current==2)

{

l.setText("Que3: Which package is directly available to our class without importing it?");

jb[0].setText("swing");jb[1].setText("applet");jb[2].setText("net");jb[3].setText("lang");

}

if(current==3)

{

l.setText("Que4: String class is defined in which package?");

jb[0].setText("lang");jb[1].setText("Swing");jb[2].setText("Applet");jb[3].setText("awt");

}

if(current==4)

{

l.setText("Que5: Which institute is best for java coaching?");

jb[0].setText("Utek");jb[1].setText("Aptech");jb[2].setText("SSS IT");jb[3].setText("jtek");

}

if(current==5)

{

l.setText("Que6: Which one among these is not a keyword?");

jb[0].setText("class");jb[1].setText("int");jb[2].setText("get");jb[3].setText("if");

}

if(current==6)

{

l.setText("Que7: Which one among these is not a class? ");

jb[0].setText("Swing");jb[1].setText("Actionperformed");jb[2].setText("ActionEvent");

jb[3].setText("Button");

}

if(current==7)

{

l.setText("Que8: which one among these is not a function of Object class?");

jb[0].setText("toString");jb[1].setText("finalize");jb[2].setText("equals");

jb[3].setText("getDocumentBase");

}

if(current==8)

{

l.setText("Que9: which function is not present in Applet class?");

jb[0].setText("init");jb[1].setText("main");jb[2].setText("start");jb[3].setText("destroy");

}

if(current==9)

{

l.setText("Que10: Which one among these is not a valid component?");

jb[0].setText("JButton");jb[1].setText("JList");jb[2].setText("JButtonGroup");

jb[3].setText("JTextArea");

}

l.setBounds(30,40,450,20);

for(int i=0,j=0;i<=90;i+=30,j++)

jb[j].setBounds(50,80+i,200,20);

}

boolean check()

{

if(current==0)

return(jb[1].isSelected());

if(current==1)

return(jb[2].isSelected());

if(current==2)

return(jb[3].isSelected());

if(current==3)

return(jb[0].isSelected());

if(current==4)

return(jb[2].isSelected());

if(current==5)

return(jb[2].isSelected());

if(current==6)

return(jb[1].isSelected());

if(current==7)

return(jb[3].isSelected());

if(current==8)

return(jb[1].isSelected());

if(current==9)

return(jb[2].isSelected());

return false;

}

public static void main(String s[])

{

new OnlineTest("Online Test Of Java");

}

}

}