

Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY

(An Autonomous Institute, Affiliated to Visvesvaraya Technological University, Belagavi, Accredited by NAAC, with 'A' Grade)

Near Jnana Bharathi Campus, Mallathahalli, Bangalore – 560056



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Group Activity

Vth Sem, A

JAVA PROGRAMMING

Course Code: 18CS52

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import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;

import javax.swing.ButtonGroup;
import javax.swing.JButton;
import javax.swing.JFrame;
import javax.swing.JLabel;
import javax.swing.JPanel;
import javax.swing.JOptionPane;
import javax.swing.JRadioButton;
import java.awt.*;

public class Survey extends JFrame implements ActionListener {

    private static final long serialVersionUID = 1L;

    JLabel label;
    JRadioButton radioButton[] = new JRadioButton[5];
    JButton btnNext;
    ButtonGroup bg;
    int count = 0, current = 0, x = 1, y = 1, now = 0;
    int m[] = new int[10];

    // create JFrame with radioButton and JButton
    Survey(String s) {
        super(s);
        label = new JLabel();
        label.setFont(new Font("Times New Roman", Font.BOLD, 24));
        add(label);
        bg = new ButtonGroup();
        for (int i = 0; i < 5; i++)
        {
            radioButton[i] = new JRadioButton();
            radioButton[i].setFont(new Font("Times New Roman", Font.BOLD, 24));
            radioButton[i].setBackground(Color.white);
            add(radioButton[i]);
            bg.add(radioButton[i]);
        }
    }

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    }

    btnNext = new JButton("Next");
    btnNext.setFont(new Font("Times New Roman", Font.BOLD, 24));
    btnNext.setForeground(Color.white);
    btnNext.setBackground(Color.gray);
    btnNext.addActionListener(this);

    add(btnNext);

    set();
    label.setBounds(30, 20, 800, 20);
    label.setBackground(Color.white);
    radioButton[0].setBounds(50, 80, 800, 20);
    radioButton[1].setBounds(50, 130, 800, 20);
    radioButton[2].setBounds(50, 180, 800, 20);
    radioButton[3].setBounds(50, 230, 800, 20);
    btnNext.setBounds(400, 250, 100, 30);

    setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
    setLayout(null);
    setLocation(250, 100);
    setVisible(true);
    setSize(1500, 600);
    getContentPane().setBackground(Color.white);

}

public void actionPerformed(ActionEvent e) {
    if (e.getSource() == btnNext) {
        if (check())
            count = count + 1;
        current++;
        set();
        if (current == 9) {

            btnNext.setText("Result");

        }
    }
}

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        if (e.getActionCommand().equals("Result")) {
            if (check())
                count = count + 1;
            current++;
            if(count >= 8)
        {

JLabel label2 = new JLabel( "You chose"+" " + count+" "+ "correct answers out
of 10");

JLabel label3 = new JLabel( "You have won a prize.");
label2.setFont(new Font("Times New Roman", Font.BOLD, 18));
label3.setFont(new Font("Times New Roman", Font.BOLD, 18));

JOptionPane.showMessageDialog(null,label2,"Message!",JOptionPane.WARNI
NG_MESSAGE);

JOptionPane.showMessageDialog(this,label3,"Messsage!",JOptionPane.WARN
ING_MESSAGE );
        try {
            JLabel label4 = new JLabel( "Redirecting to the
website....please claim you rewards");
            label4.setFont(new Font("Times New Roman", Font.BOLD,
18));

JOptionPane.showMessageDialog(this,label4,"Error",JOptionPane.WARNING_MESSAGE
);

Process process = Runtime.getRuntime().exec(new String[]{"cmd", "/c", "start
msedge file:///C:/Users/oroka/Desktop/New%20folder/webpage.html"});
        } catch (Exception ex) {
            ex.printStackTrace();
        }
        else
        {
            JLabel label5 = new JLabel( "You chose"+" "
"+count+" "+ "correct answers out of 10");
            label5.setFont(new Font("Times New Roman",
Font.BOLD, 18));

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        JLabel label6 = new JLabel( "You lost");
        label6.setFont(new Font("Times New Roman",
Font.BOLD, 18));

        JOptionPane.showMessageDialog(this, label5, "Message!", JOptionPane.WARNING_MESSAGE );

        JOptionPane.showMessageDialog(this, label6, "Message!", JOptionPane.WARNING_MESSAGE );
    }
    System.exit(0);
}

void set() {
    radioButton[4].setSelected(true);
    if (current == 0) {
        label.setText("Que1: Which iPhone model was released
in the color green?");
        radioButton[0].setText("iPhone 5C");
        radioButton[1].setText("iPhone 6");
        radioButton[2].setText("iPhone SE");
        radioButton[3].setText("iPhone 7");
    }
    if (current == 1) {

        label.setText("Que2: What is the first iPhone model to
use Lightning cables?");
        radioButton[0].setText("iPhone 6");
        radioButton[1].setText("iPhone 4s");
        radioButton[2].setText("iPhone 5");
        radioButton[3].setText("iPhone 8");
    }
    if (current == 2) {
        label.setText("Que3: What was the first iPhone model
released in gold?");
        radioButton[0].setText("iPhone 5s");
        radioButton[1].setText("iPhone 5");
        radioButton[2].setText("iPhone 6");
        radioButton[3].setText("iPhone 6s");
    }
}

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    }
    if (current == 3) {
        label.setText("Que4: When did Steve Jobs announce the
iPhone??");

        radioButton[0].setText("At Macworld 2007");
        radioButton[1].setText("At WWDC");
        radioButton[2].setText("At Only Rock n Roll event");
        radioButton[3].setText("At the Comicon 2010");
    }
    if (current == 4) {
        label.setText("Que5: When was the first generation of
iPhone released?");

        radioButton[0].setText(" 2007");
        radioButton[1].setText("2002");
        radioButton[2].setText("2010");
        radioButton[3].setText("2009");
    }
    if (current == 5) {
        label.setText("Que6:From the first generation of iPhone
up to iPhone 4, iPhone models were manufactured exclusively by ____");
        radioButton[0].setText("Foxconn");
        radioButton[1].setText("Quantta Computer");
        radioButton[2].setText("Pegatron");
        radioButton[3].setText("Qualcom");
    }
    if (current == 6) {
        label.setText("Que7: What is the operating system of
the iPhone called?");
        radioButton[0].setText("Android");
        radioButton[1].setText("IOS");
        radioButton[2].setText("Windows");
        radioButton[3].setText("Linux");
    }
    if (current == 7) {
        label.setText("Que8:When were iPhone 7 and 7 plus
unveiled? ");

        radioButton[0].setText("2016");
        radioButton[1].setText("2011");
        radioButton[2].setText("2014");
        radioButton[3].setText("2012");
    }
}

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        if (current == 8) {
            label.setText("Que9:What 'i' in the iPhone stands for,
according to Steve Jobs?");
            radioButton[0].setText("individual");
            radioButton[1].setText("imagine");
            radioButton[2].setText("internet");
            radioButton[3].setText("interstellar");
        }
        if (current == 9) {
            label.setText("Que10: What was the iPhone operating
system known as iOS formerly called?");
            radioButton[0].setText("iPhone OS");
            radioButton[1].setText("Meego OS");
            radioButton[2].setText("Palm OS");
            radioButton[3].setText("Harmony OS");
        }

        label.setBounds(30, 40, 1500, 20);
        for (int i = 0, j = 0; i <= 90; i += 50, j++)
            radioButton[j].setBounds(50, 80 + i, 800, 20);
    }

    // declare right answers.
    boolean check() {
        if (current == 0)
            return (radioButton[0].isSelected());
        if (current == 1)
            return (radioButton[2].isSelected());
        if (current == 2)
            return (radioButton[0].isSelected());
        if (current == 3)
            return (radioButton[0].isSelected());
        if (current == 4)
            return (radioButton[0].isSelected());
        if (current == 5)
            return (radioButton[0].isSelected());
        if (current == 6)
            return (radioButton[1].isSelected());
        if (current == 7)
            return (radioButton[0].isSelected());
        if (current == 8)

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        return (radioButton[1].isSelected());
    if (current == 9)
        return (radioButton[0].isSelected());

    return false;
}

public static void main(String s[]) {

    new Survey("Online Survey");
}

}
```


