**Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY**

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

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**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**Group Activity**

Vth Sem,A

**JAVA PROGRAMMING**

**Course Code: 18CS52**

**No. of Credits: 3:0:0**

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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.\*;

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]);

}

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");

}

}

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.WARNING\_MESSAGE);

JOptionPane.showMessageDialog(this,label3,"Messsage!",JOptionPane.WARNING\_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));

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");

}

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");

}

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)

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

if (current == 9)

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

return false;

}

public static void main(String s[]) {

new Survey("Online Survey");

}

}