

```

import java.awt.*;
import java.awt.event.*;
import javax.swing.event.*;
import javax.swing.*;
import java.io.*;
import javax.imageio.*;
import java.util.Scanner;
import javax.imageio.*;
public class MiniAssistantHelper {

    JFrame cardFrame;
    Image dirtDog;
    JRadioButton choiceA,choiceB,choiceC,choiceD;
    JButton yes,goalA;
    CardPanel CardPanel;
    Scanner input;
    Scanner input2;
    String [] arr = new String [5];
    private int answer;
    private int anscount;
    private int quescount;
    private int docount;
    CardLayout cards;

    public static void main(String[] args){
        MiniAssistantHelper mah = new MiniAssistantHelper();
        mah.Run();
    }
    public void Run(){
        cardFrame = new JFrame("DirtDog");
        cardFrame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        cardFrame.setSize(1400, 800);
        cardFrame.setLocation(100, 100);

        CardPanel = new CardPanel();

        GetImage();

        cardFrame.getContentPane().add(CardPanel);

        cardFrame.setVisible(true);
        cardFrame.setResizable(false);
    }
}

```

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}
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```
public void GetImage(){  
    try{  
        dirtDog = ImageIO.read(new File("DirtDog.jpg"));  
  
    } catch (IOException e) {  
        System.err.println("ERROR: Cannot open image file");  
        System.exit(1);  
    }  
}
```

```
public class CardPanel extends JPanel {  
    PuzzlePanel Puzzle;  
    public CardPanel(){  
        cards = new CardLayout();  
        setLayout(cards);  
  
        Puzzle = new PuzzlePanel();  
        add(Puzzle,"Puzzle");  
  
    }  
}
```

```
class PuzzlePanel extends JPanel{  
    ButtonGroup selection;  
    public PuzzlePanel(){  
        setLayout(null);  
        openScan();  
        Read();  
        setBackground(Color.blue);  
        selection = new ButtonGroup();  
        choiceA = new JRadioButton(arr[1]);  
        choiceA.setBounds(50,150,1200,30);  
        choiceA.addActionListener(new ActionA());  
        choiceA.setForeground(Color.white);  
        choiceA.setBackground(Color.blue);  
        choiceA.setFont(new Font("Arial", Font.BOLD, 25));  
  
        choiceB = new JRadioButton(arr[2]);  
        choiceB.setBounds(50,200,1200,30);  
        choiceB.addActionListener(new ActionB());  
    }  
}
```

```
choiceB.setForeground(Color.white);
choiceB.setBackground(Color.blue);
choiceB.setFont(new Font("Arial", Font.BOLD, 25));
```

```
choiceC = new JRadioButton(arr[3]);
choiceC.setBounds(50,250,1200,30);
choiceC.addActionListener(new ActionC());
choiceC.setForeground(Color.white);
choiceC.setBackground(Color.blue);
choiceC.setFont(new Font("Arial", Font.BOLD, 25));
```

```
choiceD = new JRadioButton(arr[4]);
choiceD.setBounds(50,300,1200,30);
choiceD.addActionListener(new ActionD());
choiceD.setForeground(Color.white);
choiceD.setBackground(Color.blue);
choiceD.setFont(new Font("Arial", Font.BOLD, 25));
```

```
selection.add(choiceA);
selection.add(choiceB);
selection.add(choiceC);
selection.add(choiceD);
```

```
add(choiceA);
add(choiceB);
add(choiceC);
add(choiceD);
```

```
yes = new JButton("Next");
yes.setBounds(150, 100,300,150);
yes.addActionListener(new Yes());
yes.setBackground(Color.white);
add(yes);
```

```
goalA = new JButton("Done");
goalA.setBounds(150,100,300,150);
goalA.addActionListener(new ClickA());
goalA.setBackground(Color.white);
add(goalA);
```

```
yes.setVisible(false);
goalA.setVisible(false);
```

```

    }
    public void paintComponent ( Graphics g ) {
        super.paintComponent (g);
        g.setColor(Color.white);
        g.setFont(new Font("Arial", Font.BOLD, 30));
        g.drawString(arr[0],20,50);
        g.setFont(new Font("TimesNewRoman", Font.BOLD, 70));
        g.setColor(Color.green);
        g.drawString("DirtDog",700,400);
        g.setFont(new Font("TimesNewRoman", Font.BOLD, 50));
        g.drawString("The helper from the house",550,500);
        g.drawImage(dirtDog,100,400,400,400,this);
    }
    public void openScan(){
        String FileName = "quiz.txt";
        try {
            input = new Scanner (new File(FileName));
        }
        catch (FileNotFoundException e) {
            System.err.printf("ERROR: Cannot open %s\n", FileName);
            System.exit(1);
        }
    }
    public void Read() {
        for(int a = 0; a <= 4; a++){
            arr[a] = input.nextLine();
        }
        answer = Integer.parseInt(input.nextLine());
    }
    public void Refresh(){
        if(quescount == 10){
            arr[0] = "Your Score is : " + anscount + " out of 10";

            choiceA.setVisible(false);
            choiceB.setVisible(false);
            choiceC.setVisible(false);
            choiceD.setVisible(false);
            yes.setVisible(true);
        }
        else{

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```

        for(int a = 0; a <= 4; a++){
            arr[a] = input.nextLine();
        }
        answer = Integer.parseInt(input.nextLine());
        choiceA.setText(arr[1]);
        choiceB.setText(arr[2]);
        choiceC.setText(arr[3]);
        choiceD.setText(arr[4]);

        choiceA.setVisible(true);
        choiceB.setVisible(true);
        choiceC.setVisible(true);
        choiceD.setVisible(true);
    }
    repaint();
}

public void checkList(){
    if(docount == 10){
        arr[0] = "Good job, you are amazing!";
        goalA.setVisible(false);
        repaint();
    }
    else{
        String addon = "";

        yes.setVisible(false);
        goalA.setVisible(true);

        if (input.hasNext())
            addon = input.nextLine();

        arr[0] = "Goal of the Day: " + addon ;
        repaint();
    }
}

class ActionA extends JRadioButton implements ActionListener{
    public void actionPerformed (ActionEvent e){
        check(1,answer);
    }
}

```

```

class ActionB extends JRadioButton implements ActionListener{
    public void actionPerformed (ActionEvent e) {
        check(2,answer);
    }
}

```

```

class ActionC extends JRadioButton implements ActionListener{
    public void actionPerformed (ActionEvent e) {
        check(3,answer);
    }
}

```

```

class ActionD extends JRadioButton implements ActionListener{
    public void actionPerformed (ActionEvent e) {
        check(4,answer);
    }
}

```

```

class Yes extends JButton implements ActionListener{
    public void actionPerformed(ActionEvent e){
        checkList();
    }
}

```

```

class ClickA extends JButton implements ActionListener{
    public void actionPerformed(ActionEvent e){
        docount++;
        checkList();
    }
}

```

```

public void check(int radio, int answer){
    if(radio == answer){
        anscount++;
        quescount++;
    }
    else {
        quescount++;
    }
    Refresh();
}

```

```

}
}

```

