```java
/*
 * File: ShowFile.java
 *
 *
 * This Java applet divides the applet area into two parts:  an area
 * with controls such as buttons and choices, called controlPanelNorth,
 * and an area called dataPanel which has a TextArea to display
 * data from a file.  The dataPanel is a separate class.
 *
 * The data points are read from a file which has the following format:
 *    an integer which is the number of items in the file
 *    items:  each item has an integer id no., a name, and a floating
 *              point price
 *
 * The data is read once from the file into a set of arrays.  Then the
 * data can be displayed in different ways depending on the controls.
 *
 */

import java.awt.*;
import java.awt.event.*;
import java.io.*;
import java.net.*;

public class ShowFile extends java.applet.Applet
                        implements ItemListener, ActionListener
{
  Font f = new Font("TimesRoman", Font.ITALIC, 18);

  DisplayPanel dataPanel;       // the display panel, from the class below
  String inname;                // name of the data file

  Choice dataChoice;            //  control for type of data
  Button showfile;              //  display the data under current controls
  Label title;                  //  label of the display

  public void init()
  { InputStream instream = null;
    Panel controlPanelNorth = new Panel();

    setLayout(new BorderLayout());

    // initialize the input stream and data panel
    try
      { inname = getParameter("inputfile");
        instream = new URL(getDocumentBase(), inname).openStream();
        dataPanel = new DisplayPanel(instream);
       }
    catch (IOException e)
      { System.err.println
          ("I/O Exception:  probably bad filename or bad connection."
                 + e.getMessage());
      }

  // make the control panel
  controlPanelNorth.setLayout(new FlowLayout(FlowLayout.LEFT, 5, 5));

  title = new Label("Grocery Items");
  title.setFont(f);

  dataChoice = new Choice();
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  dataChoice.setFont(f);
  dataChoice.addItem("Fruits");
  dataChoice.addItem("Veggies");
  dataChoice.addItemListener(this);

  showfile = new Button("Show Items");
  showfile.setFont(f);
  showfile.addActionListener(this);

  controlPanelNorth.add(title);
  controlPanelNorth.add(dataChoice);
  controlPanelNorth.add(showfile);


  // add the two components to the applet area
  add(controlPanelNorth, BorderLayout.NORTH);
  add(dataPanel, BorderLayout.CENTER);
  }

  public void itemStateChanged(ItemEvent e)
  {
    if (e.getSource() == dataChoice)
      {
        dataPanel.settype (dataChoice.getSelectedItem());
      }
  }

  public void actionPerformed(ActionEvent e)
  {
    if (e.getSource() == showfile)
      {
        dataPanel.displayfile();
      }
  }
}

class DisplayPanel extends Panel
{
  String datatype = "Fruits";   // either "Fruits" or "Veggies"
  StringBuffer buff;
  Font f = new Font("Monospaced", Font.ITALIC, 18);
  TextArea ta;

  // variables to hold the data from the file
  int numdata;
  int itemnumbers[];
  String itemnames[];
  double itemprices[];
  int maxlength;

  InputStreamReader isr;

  public DisplayPanel(InputStream instream)
  {
    setLayout(new BorderLayout());
    ta = new TextArea("Grocery Item Display Area . . .", 20, 30);
    add( ta, BorderLayout.CENTER );

    try
    {
      isr = new InputStreamReader(instream);
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    StreamTokenizer intokens = new StreamTokenizer(isr);
    intokens.parseNumbers();  intokens.slashSlashComments(true);

    /* read the number of data points and allocate data arrays */
    int tok = intokens.nextToken();
    numdata = (int) intokens.nval;

    itemnumbers = new int[numdata];
    itemnames = new String[numdata];
    itemprices = new double[numdata];

    // read data items
    maxlength = 0;
    for (int i=0; i<numdata; i++)
    { tok = intokens.nextToken();  itemnumbers[i] = (int)intokens.nval;
      tok = intokens.nextToken();  itemnames[i] = intokens.sval;
      tok = intokens.nextToken();  itemprices[i] = intokens.nval;
      maxlength = Math.max(maxlength, itemnames[i].length());
    }

 /* for debugging
    for (int i=0; i<numdata; i++)
    { System.out.println(itemnumbers[i]);
      System.out.println(itemnames[i]);
      System.out.println(itemprices[i]);
    }
 */
  }
  catch (IOException e)
    { System.err.println
        ("I/O Exception:  Reading data from file"
               + e.getMessage());
    }
}

public void settype (String s)
{ datatype = s;
}

public void displayfile()
{
  buff = new StringBuffer();
  ta.setFont (f);
  Color fruitcolor = new Color(127, 0, 0);
  Color vegcolor = new Color(0, 127, 127);

  for (int i=0; i<numdata; i++)
    { if (datatype.equals("Fruits") && itemnumbers[i]<=1000)
        appendtext(fruitcolor, itemnumbers[i], itemnames[i], itemprices[i]);
      if (datatype.equals("Veggies") && itemnumbers[i]>1000)
        appendtext(vegcolor, itemnumbers[i], itemnames[i], itemprices[i]);
    }
  ta.setText(buff.toString());
}

public void appendtext (Color c, int n, String s, double d)
{
  ta.setForeground (c);
  int diff = maxlength - s.length();

  buff.append( n + "      " + s);
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    for (int i=0; i<diff; i++) buff.append(" ");
    buff.append( "  $" + d + "\n");
  }
}
```