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package Unit02;

import javax.swing.*;
import java.awt.event.*;

    /*
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    *   This program shows how to add an ActionListener that opens a new window
    */

public class MyFirstWindow06 {

    // Add an ActionListener to open a new window
    static class Open implements ActionListener{           //for now - DO IT!!!
        public void actionPerformed(ActionEvent e){
            JFrame aNewWindow = new JFrame("Hey, I'm the new window!");
            aNewWindow.setSize(600,200);
            aNewWindow.setVisible(true);
        }
    }

    //ActionListener to Close the Window (JFrame)
    static class CloseWindow implements ActionListener{    //Accept these 5 lines
        public void actionPerformed(ActionEvent e){        //Named CloseWindow
            System.exit(0);                                //Can name anything
        }
    }

    public static void main(String[] args) {

        //Build Frame Window with new icon and set window size
        JFrame theWindow = new JFrame("My First Window");           // Window Object
        theWindow.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);    //default close
        ImageIcon myNewIcon = new ImageIcon("C:\\Users\\sauxh\\Documents\\"
            + "NetBeansProjects\\2016APcsci\\src\\Images\\star.jpg");
        theWindow.setIconImage(myNewIcon.getImage());                // set the icon!
        theWindow.setSize(400,400);                                // we have a forced window size

        //Button in the main window frame
        JButton myButton = new JButton("Press Here");                // creates object
        theWindow.getContentPane().add(myButton);                    //put button in ContentPane

        //Add a menu bar
        JMenuBar niceNewMenu = new JMenuBar();                        // build JMenuBar object
        JMenu menuItem1 = new JMenu("FILE");                          // build a Menu object
    }
}

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//Create new menu sub-items and give them different actions
JMenuItem subItem2 = new JMenuItem("Open");    // New 1st sub-item
subItem2.addActionListener(new Open());        // This time new action
menuItem1.add(subItem2);                        // add subitem to menu

JMenuItem subItem1 = new JMenuItem("Exit");    // build Menu subitem
subItem1.addActionListener(new CloseWindow()); // add action to subitem

//Build the menu bar
menuItem1.add(subItem1);                        // add subitem to menu
niceNewMenu.add(menuItem1);                    // add menu to bar
theWindow.setJMenuBar(niceNewMenu);           // set JMenuBar to ours

theWindow.setVisible(true);                    //make window show up!
}
}
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```