//Conversation Author: Baruch

//Practice with Scanner class

import java.util.Scanner; //for input

public class Conversation

{

public static void main(String[] args)

{

Scanner reader = new Scanner (System.in);

String firstName, lastName;

int birthyear;

double priceOrange;

double pricePeanuts;

double priceBread;

double priceWatermelon;

double totalPrice=0;

String address;

int houseNumber;

String street;

String city;

String state;

int zipCode;

System.out.println("Welcome. Type your first name and your last"

+ " name followed by the enter key.");

firstName = reader.next();

lastName = reader.nextLine();

System.out.println("First Name: " + firstName);

System.out.println("Last Name: " + lastName);

System.out.print("Enter your house number ");

houseNumber = reader.nextInt();

System.out.print("Spell out your street name ");

street = reader.next();

System.out.print("Enter your city ");

city = reader.next();

System.out.print("Enter your state ");

state = reader.next();

System.out.print("Enter your zipcode ");

zipCode = reader.nextInt();

System.out.println(firstName + " " + lastName);

System.out.println(houseNumber + " " + street);

System.out.println(city + " " + state + " " + zipCode);

System.out.print("Enter year you were born ");

birthyear = reader.nextInt();

System.out.println("Approximate age: " + (2014-birthyear));

System.out.print("How much do the oranges cost? $");

priceOrange = reader.nextDouble();

totalPrice += priceOrange;

System.out.print("How much do the peanuts cost? $");

pricePeanuts = reader.nextDouble();

totalPrice += pricePeanuts;

System.out.print("How much does the bread cost? $");

priceBread = reader.nextDouble();

totalPrice += priceBread;

System.out.print("How much does the watermelon cost? $");

priceWatermelon = reader.nextDouble();

totalPrice += priceWatermelon;

System.out.println("The total cost is $" + totalPrice);

} // end main

} // end class

/\* Output:

First Name: Zayadur

Last Name: Khan

Enter your house number 193

Spell out your street name Quentin

Enter your city Brooklyn

Enter your state NY

Enter your zipcode 11223

Zayadur Khan

193 Quentin

Brooklyn NY 11223

Enter year you were born 1996

Approximate age: 18

How much do the oranges cost? $1

How much do the peanuts cost? $2

How much does the bread cost? $

3

How much does the watermelon cost? $4

The total cost is $10.0

> \*/

//LabeledPanels.java Author: Baruch

//Introduce: Frames, Panels, Labels, color

import java.awt.\*;

import javax.swing.\*;

public class LabeledPanels

{

public static void main (String[] args)

{

// create a window with a title

JFrame frame = new JFrame ("Color Panels");

// tell it what to do when the close button is clicked

frame.setDefaultCloseOperation (JFrame.EXIT\_ON\_CLOSE);

// Set up first subpanel

JPanel leftPanel = new JPanel();

// set 150 pixels by 100 pixels

leftPanel.setPreferredSize (new Dimension(150, 100));

// set the color to green

leftPanel.setBackground(Color.green);

//Add text to the Panel

JLabel label1 = new JLabel ("Left");

leftPanel.add(label1);

// Set up second subpanel

JPanel rightPanel = new JPanel();

rightPanel.setPreferredSize (new Dimension(20,100));

rightPanel.setBackground(Color.yellow);

JLabel label2 = new JLabel ("Right");

JLabel label3 = new JLabel ("Yellow");

JLabel label4 = new JLabel ("Small");

rightPanel.add(label2);

// Set up primary panel

JPanel primary = new JPanel();

primary.setBackground(Color.blue);

JLabel labelBig = new JLabel ("Primary");

primary.add(labelBig);

primary.add(leftPanel);

primary.add(rightPanel);

// Add panels to frame

frame.getContentPane().add(leftPanel);

frame.pack();

frame.setVisible(true);

} // end main } //end class