1 **import** javax.swing.\*;

2 **import** java.awt.\*;

3

4 **public** **class** FlowLayoutGUI **extends** JFrame

5 {

6 JButton first, second, third;

7 JLabel fourth;

8 JTextField fifth;

9

10 **public** FlowLayoutGUI(String title)

11 {

12 **super**(title);

13 setSize(650, 180);

14 setLocation(200, 100);

15 setLayout(**new** FlowLayout()); **//Override the default BorderLayout**

16

17 **//Step 1 declare the components**

18 first = **new** JButton("Added First");

19 second = **new** JButton("Added Second, Large Font Sets Row's Height");

20 third = **new** JButton("Added Third, Could Not Fit on Row 1");

21 fourth = **new** JLabel("Added Fourth, Component's Width Forces " +

22 "Fifth Component to the Next Row");

23 fifth = **new** JTextField("Added Fifth, Components are Centered " +

24 "in the Rows");

25

26 **//Step 2: specify the component's properties**

27 second.setFont(**new** Font("Sherif", Font.BOLD, 22));

28 fourth.setFont(**new** Font("Sherif", Font.BOLD, 16));

29 fifth.setFont(**new** Font("Sherif", Font.BOLD, 14));

30

31 **//Step 4: add the components to the container (Step 3 is skipped)**

32 add(first);

33 add(second);

34 add(third);

35 add(fourth);

36 add(fifth);

37 }

38 }

**Figure 11.36 The class FlowLayoutGUI.**