**Code Analysis**

1. Find and correct the errors in the following code segment:

import javax.swing.\*;

import java.awt.\*;

public class SampleGUI

{

public static void main (String [] args)

{

JFrame myFrame = new JFrame();

JPanel myPanel = new JPanel();

JButton myButton = new JButton("Click Me");

myButton.setPreferredSize(400,400);

myFrame.add(myButton);

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

myFrame.setContentPane(myPanel);

myFrame.pack();

myFrame.setVisible();

}

}

Corrected Version:

import javax.swing.\*;

import java.awt.\*;

public class SampleGUI

{

public static void main (String [] args)

{

JFrame myFrame = new JFrame();

JPanel myPanel = new JPanel();

JButton myButton = new JButton("Click Me");

myButton.setPreferredSize(new Dimension(400,400));

myPanel.add(myButton);

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

myFrame.setContentPane(myPanel);

myFrame.pack();

myFrame.setVisible(true);

}

}

1. Find and correct the errors in the following code segment:

public static void main (String [] args)

{

JFrame frame = new JFrame();

JPanel contents = new JPanel();

JButton saveButton = new JButton(Save);

JTextArea textBox = new JTextArea(8,10);

JTextArea.setText("Hello!");

contents.add(saveButton);

contents.add(textBox);

contents.setContentPane(frame);

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

frame.setLocation(250,100);

frame.setSize(200,200);

frame.setVisible(true);

}

Corrected Version:

public static void main (String [] args)

{

JFrame frame = new JFrame();

JPanel contents = new JPanel();

JButton saveButton = new JButton("Save");

JTextArea textBox = new JTextArea(8,10);

textBox.setText("Hello!");

contents.add(saveButton);

contents.add(textBox);

frame.setContentPane(contents);

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

frame.setLocation(250,100);

frame.setSize(200,200);

frame.setVisible(true);

}