**Code & Output:**

import javax.swing.\*;

import java.awt.\*;

public class CombinedGUI {

public static void main(String[] args) {

JFrame frame = new JFrame("Combined GUI");

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

frame.setSize(500, 500);

JPanel panel = new JPanel(new FlowLayout());

JButton button = new JButton("Button");

panel.add(button);

JLabel label = new JLabel("Label");

panel.add(label);

JCheckBox checkbox = new JCheckBox("Checkbox");

panel.add(checkbox);

JRadioButton radioButton = new JRadioButton("Radio Button");

panel.add(radioButton);

JTextArea textArea = new JTextArea(5, 30);

JScrollPane scrollPane = new JScrollPane(textArea);

frame.getContentPane().add(scrollPane, BorderLayout.CENTER);

String[] data = {"Item 1", "Item 2", "Item 3"};

JList<String> list = new JList<>(data);

panel.add(list);

String[] items = {"Item 1", "Item 2", "Item 3"};

JComboBox<String> comboBox = new JComboBox<>(items);

panel.add(comboBox);

DefaultMutableTreeNode root = new DefaultMutableTreeNode("Root");

DefaultMutableTreeNode child1 = new DefaultMutableTreeNode("Child 1");

root.add(child1);

JTree tree = new JTree(root);

frame.getContentPane().add(tree, BorderLayout.EAST);

String[] columnNames = {"Column 1", "Column 2"};

Object[][] tableData = {

{"Data 1", "Data 2"},

{"Data 3", "Data 4"}

};

JTable table = new JTable(tableData, columnNames);

frame.getContentPane().add(table, BorderLayout.WEST);

JMenuBar menuBar = new JMenuBar();

JMenu menu = new JMenu("Menu");

JMenuItem menuItem = new JMenuItem("Menu Item");

menu.add(menuItem);

menuBar.add(menu);

frame.setJMenuBar(menuBar);

JToolBar toolBar = new JToolBar("Toolbar");

JButton toolBarButton = new JButton("Button");

toolBar.add(toolBarButton);

frame.add(toolBar, BorderLayout.PAGE\_START);

frame.add(panel, BorderLayout.SOUTH);

frame.setVisible(true);

}

}