**LESSON 3 GUI – JCOMBOBOX**

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

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

**import** java.awt.event.ActionEvent;

**import** java.awt.event.ActionListener;

**public** **class** CalcolatriceGUI **implements** ActionListener {

**private** Color color;

**private** JPanel buttonPanel;

**private** JFrame frame;

// private JComboBox<String> colorComboBox;

**private** JComboBox colorComboBox;

**public** CalcolatriceGUI() {

frame = **new** JFrame("Scegli il colore");

frame.setSize(300, 150);

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

frame.setLayout(**new** BorderLayout());

color = **new** Color(255, 255, 255);

// Colore di sfondo

frame.getContentPane().setBackground(color); // Sostituisci con il tuo colore preferito

frame.setVisible(**true**);

buttonPanel = **new** JPanel();

frame.getContentPane().add(buttonPanel, BorderLayout.***SOUTH***); // Aggiunto BorderLayout.SOUTH

String colors[] = {"Rosso", "Blu", "Verde"};

//colorComboBox = new JComboBox<>(colors);

colorComboBox = **new** JComboBox();

colorComboBox.addItem("rosso");

colorComboBox.addItem("verde");

colorComboBox.addItem("blu");

buttonPanel.add(colorComboBox);

colorComboBox.addActionListener(**this**);

}

@Override

**public** **void** actionPerformed(ActionEvent e) {

String selectedColor = (String) colorComboBox.getSelectedItem();

**switch** (selectedColor.toLowerCase()) {

**case** "rosso":

color = Color.***RED***;

**break**;

**case** "verde":

color = Color.***GREEN***;

**break**;

**case** "blu":

color = Color.***BLUE***;

**break**;

**default**:

color = Color.***WHITE***; // Colore predefinito

}

// Imposta il colore di sfondo del JFrame

frame.getContentPane().setBackground(color);

frame.revalidate(); // Aggiorna il frame

}

}