

```

import java.awt.BorderLayout;
import java.awt.Color;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;

import javax.swing.JComboBox;
import javax.swing.JFrame;
import javax.swing.JPanel;

public class CouleurAmi extends JFrame implements ActionListener{
    private final Ami[] amis;
    private JPanel pan = new JPanel();
    private JComboBox<String> cmbCouleur = new JComboBox<String>();

    public CouleurAmi() {

        this.amis = new Ami[] {
            new Ami ("Durand", "Paul", Color.red, true, Sport.TENNIS),
            new Ami ("Nicolas", "Dujardin", Color.black, true, Sport.FOOTBALL),
            new Ami ("Damien", "Painert", Color.cyan, true, Sport.RIEN),
            new Ami ("Corinne", "Boulon", Color.blue, false, Sport.BASKET),
            new Ami ("Emilie", "Jolie", Color.magenta, false, Sport.FOOTBALL),
            new Ami ("Delphine", "Bateau", Color.yellow, false, Sport.TENNIS),
            new Ami ("Eric", "Bilou", Color.pink, true, Sport.FOOTBALL)
        };

        this.setTitle("M2i Formation - Couleur Amis");
        this.setSize(700, 500);
        this.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        this.setLocationRelativeTo(null);

        this.remplirComboAmi();
        cmbCouleur.addActionListener(this);
        pan.add(cmbCouleur);
    }
}

```

```
this.pan.setBackground(Color.WHITE);

this.setContentPane(pan);
    this.setVisible(true);
}

private void remplirComboAmi() {
    for (int i = 0; i < amis.length; i++) {
        cmbCouleur.addItem(amis[i].getNom() + " " + amis[i].getPrenom());
    }
}

@Override
public void actionPerformed(ActionEvent arg0) {
    System.out.println("ActionEvent : " + cmbCouleur.getSelectedItem().toString());
    this.pan.setBackground(amis[cmbCouleur.getSelectedIndex()].getCouleur());
}
} // Fin Classe
```