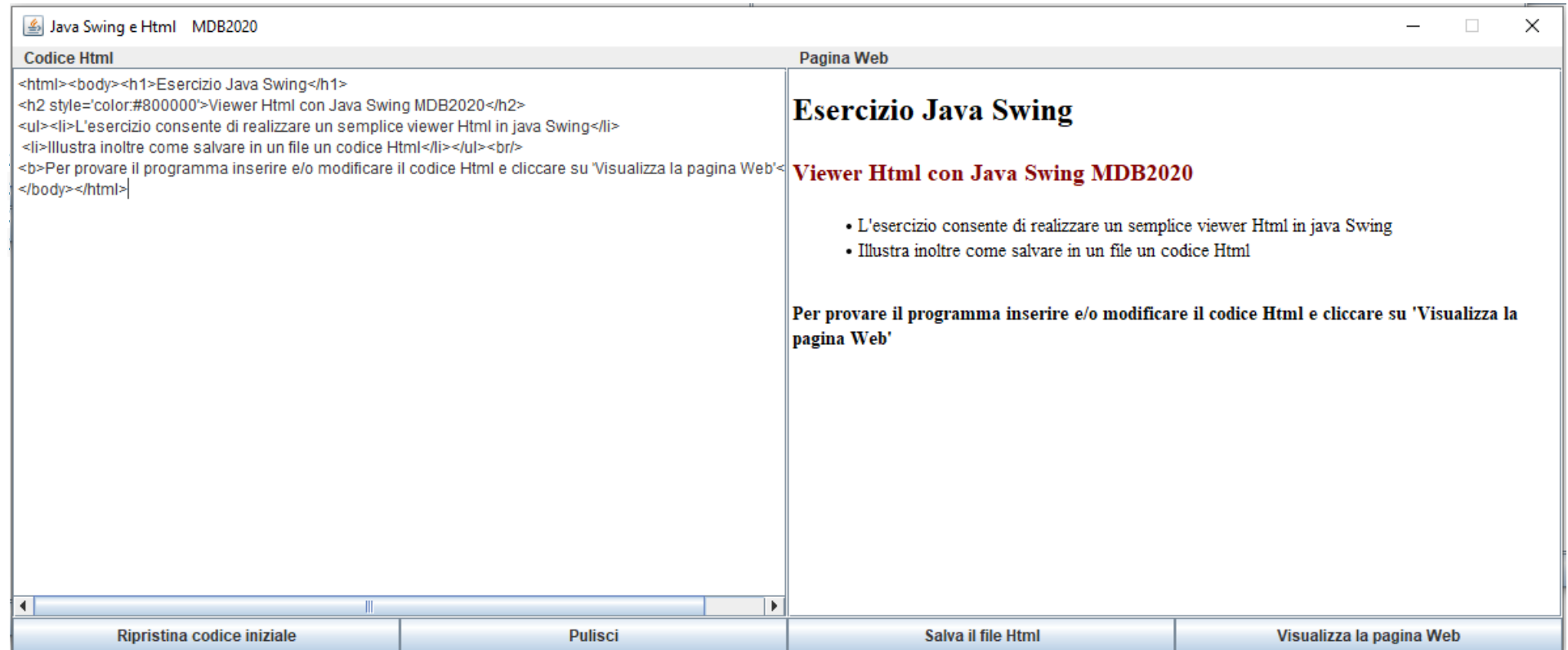


Viewer Html con Java Swing MDB2020 1



```
import java.awt.event.ActionListener;
import java.io.BufferedWriter;
import java.io.File;
import java.io.FileWriter;
import javax.swing.JButton;
import javax.swing.JEditorPane;
import javax.swing.JFileChooser;
import javax.swing.JFrame;
import javax.swing.JLabel;
import javax.swing.JOptionPane;
import javax.swing.JPanel;
import javax.swing.JScrollPane;
import javax.swing.text.html.HTMLEditorKit;
```

```

public class JavaSwingHtml extends JFrame implements ActionListener {
    String s0; //codice html iniziale
    JEditorPane inputhtml,viewerhtml;
    public JavaSwingHtml(){
        Container c=this.getContentPane();
        //
        JPanel panel0=new JPanel();
        panel0.setLayout(new GridLayout(1,2));
        JLabel label1=new JLabel("    Codice Html");
        JLabel label2=new JLabel("    Pagina Web");
        panel0.add(label1);
        panel0.add(label2);
        c.add(panel0, BorderLayout.PAGE_START);
        //
        JPanel panel1=new JPanel();
        panel1.setLayout(new GridLayout(1,2));
        inputhtml=new JEditorPane(); //componente per editare vari tipi di contenuti
        JScrollPane scrollinput = new JScrollPane(inputhtml);//aggiungo il supporto scroll
        viewerhtml= new JEditorPane();//viewer Html
        JScrollPane scrollviewer = new JScrollPane(viewerhtml);//aggiungo il supporto scroll
        viewerhtml.setEditable(false);// ReadOnly
        panel1.add(scrollinput);
        panel1.add(scrollviewer);
        c.add(panel1, BorderLayout.CENTER);
        //
        JPanel panel2=new JPanel();
        panel2.setLayout(new GridLayout(1,2));
        JButton ripristina=new JButton("Ripristina codice iniziale");
        JButton reset=new JButton("Pulisci");
        JButton salva=new JButton("Salva il file Html");
        JButton visualizza=new JButton("Visualizza la pagina Web");
        ripristina.addActionListener(this);
        reset.addActionListener(this);
        salva.addActionListener(this);
        visualizza.addActionListener(this);
        panel2.add(ripristina);
    }
}

```

```

panel2.add(reset);
panel2.add(salva);
panel2.add(visualizza);
c.add(panel2, BorderLayout.PAGE_END);
// Completato il Layout (3 panel)
//
HTMLEditorKit k=new HTMLEditorKit();
viewerhtml.setEditorKit(k);//aggiungo il supporto HTML al JEditorPane viewerhtml
s0 = "<html><body><h1>Esercizio Java Swing</h1>\n<h2 style='color:#800000'>Viewer Html con Java Swing MDB20
20</h2>\n";
s0+= "<ul><li>L'esercizio consente di realizzare un semplice viewer Html in java Swing</li>\n "
      + "<li>Illustra inoltre come salvare in un file un codice Html</li></ul><br/>\n";
s0+= "<b>Per provare il programma inserire e/o modificare il codice Html e cliccare su 'Visualizza la pagina
Web'</b><br/>\n";
s0+= "</body></html>\n";
// s0 è il codice iniziale HTML che viene visualizzato come testo nel JEditorPane inputhtml e come pagina web
// nel JEditorPane viewerhtml grazie al supporto HTMLEditorKit()
inputhtml.setText(s0);
viewerhtml.setText(s0);
this.setTitle("Java Swing e Html   MDB2020");
this.setResizable(false);
this.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
this.pack();//
this.setSize(1200, 500);
this.setVisible(true);

}

public static void main(String[] args) {
    new JavaSwingHtml();
}

@Override
public void actionPerformed(ActionEvent e) {
    String action=e.getActionCommand();
    char c0 = action.charAt(0);

```

```
switch(c0) {
case 'R':
    inputhtml.setText(s0);
    viewerhtml.setText(s0);
    break;
case 'P':
    inputhtml.setText("");
    viewerhtml.setText("");
    break;
case 'V':
    viewerhtml.setText(inputhtml.getText());
    break;
case 'S':
    if(inputhtml.getText().equals("")) return;
    //creo l'oggetto fs della classe JFileChooser e invoco il metodo showSaveDialog(null)
    JFileChooser fs = new JFileChooser();
    int r1 = fs.showSaveDialog(null);
    if(r1==JFileChooser.APPROVE_OPTION) {
        File fw = fs.getSelectedFile();
        try {
            BufferedWriter bwrite = new BufferedWriter(new FileWriter(fw));
            bwrite.append(inputhtml.getText());
            bwrite.flush();
            bwrite.close();
        }
        catch (Exception exc) {
            JOptionPane.showMessageDialog(this, exc.getMessage());
        }
    }
    break;
}
}
```