

```

/**
 * I/O visivi
 * @version 2004
 * @author G. Di Stefano
 */

import javax.swing.*;

public class Visual
{
    /**
     */
    public static void message(String prompt)
    {
        JOptionPane.showMessageDialog(null,prompt);
    }

    public static int conferma(String prompt)
    {
        return JOptionPane.showConfirmDialog(null,prompt);
    }

    /**
     */
    public static String readLine()
    {
        return JOptionPane.showInputDialog(null,"");
    }

    /**
     */
    public static String readLine(String prompt)
    {
        return JOptionPane.showInputDialog(null,prompt);
    }

    /**
     */
    public static char readChar(String prompt)
    {
        String s= new String();
        do
        {
            s= JOptionPane.showInputDialog(null,prompt);
            if (s.length()!=1)
                JOptionPane.showMessageDialog(null,"Only 1 char, please !");
        }while(s.length()!=1);
        return s.charAt(0);
    }

    /**
     */
    public static int readInt(String prompt)
    {
        while(true)
        {
            try
            {
                return Integer.valueOf (JOptionPane.showInputDialog(null,prompt).trim()).intValue();
            }
            catch(NumberFormatException e)
            {
                JOptionPane.showMessageDialog(null,"Non e' un intero! ");
            }
        }
    }

    /**
     */
    public static double readDouble(String prompt)
    {
        while(true)
        {
            try

```

```
{    return Double.parseDouble(JOptionPane.showInputDialog(null,prompt).trim());
}
catch(NumberFormatException e)
{
    JOptionPane.showMessageDialog(null,"Non e' un numero double ! ");
}
}

/**
 */
public static float readFloat(String prompt)
{ while(true)
{
    try
    {    return Float.parseFloat(JOptionPane.showInputDialog(null,prompt).trim());
    }
    catch(NumberFormatException e)
    {
        JOptionPane.showMessageDialog(null,"Non e' un numero float ! ");
    }
}
}
}
```