

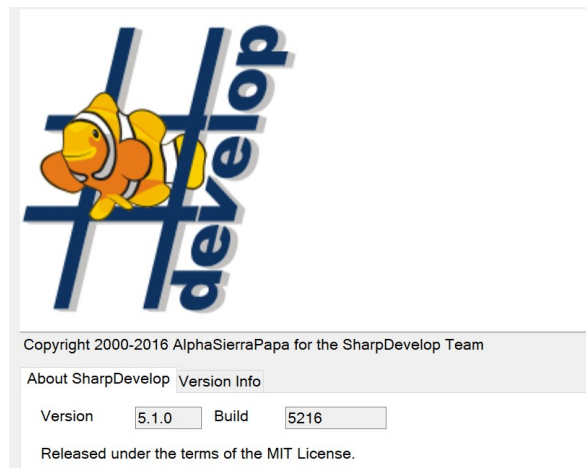


**ITIS-LS “Francesco Giordani” Caserta**

**prof. Ennio Ranucci**

**a.s. 2020-2021**

*Semplici esercitazioni FILE C#*



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ITIS-LS F.Giordani Caserta

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Classe 4<sup>^</sup> sez.C spec. Informatica

Data: 12/12/2020

Numero es: 1

Versione:1.0

Programmatore/i: Lezione collettiva

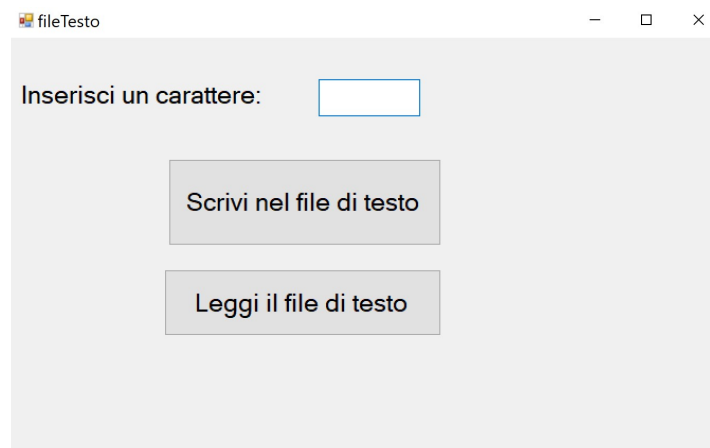
Sistema Operativo:Windows 10

Compilatore/Interprete: Sharp Develop 5.1.0

Obiettivo didattico: L'alunno e' in grado di caricare e leggere un file ;

Obiettivo del programma: Caricare e leggere un file di caratteri;

\*/



### **MainForm.Designer.cs**

```
private void InitializeComponent()  
{  
    this.txtInserisciCar = new System.Windows.Forms.TextBox();  
    this.lblInserisciCar = new System.Windows.Forms.Label();  
    this.btnScrivi = new System.Windows.Forms.Button();  
    this.btnLeggi = new System.Windows.Forms.Button();  
    this.lblStampa = new System.Windows.Forms.Label();  
    this.SuspendLayout();  
    //  
    //txtInserisciCar  
    //
```

```

this.txtInserisciCar.Font = new System.Drawing.Font("Microsoft Sans Serif", 18F,
System.Drawing.FontStyle.Regular, System.Drawing.GraphicsUnit.Point, ((byte)(0)));
this.txtInserisciCar.Location = new System.Drawing.Point(584, 75);
this.txtInserisciCar.Name = "txtInserisciCar";
this.txtInserisciCar.Size = new System.Drawing.Size(188, 62);
this.txtInserisciCar.TabIndex = 0;
//
// lblInserisciCar
//
this.lblInserisciCar.Font = new System.Drawing.Font("Microsoft Sans Serif", 18F,
System.Drawing.FontStyle.Regular, System.Drawing.GraphicsUnit.Point, ((byte)(0)));
this.lblInserisciCar.Location = new System.Drawing.Point(12, 75);
this.lblInserisciCar.Name = "lblInserisciCar";
this.lblInserisciCar.Size = new System.Drawing.Size(539, 76);
this.lblInserisciCar.TabIndex = 1;
this.lblInserisciCar.Text = "Inserisci un carattere: ";
//
// btnScrivi
//
this.btnScrivi.Font = new System.Drawing.Font("Microsoft Sans Serif", 18F, System.Drawing.FontStyle.Regular,
System.Drawing.GraphicsUnit.Point, ((byte)(0)));
this.btnScrivi.Location = new System.Drawing.Point(300, 220);
this.btnScrivi.Name = "btnScrivi";
this.btnScrivi.Size = new System.Drawing.Size(516, 157);
this.btnScrivi.TabIndex = 2;
this.btnScrivi.Text = "Scrivi nel file di testo";
this.btnScrivi.UseVisualStyleBackColor = true;
this.btnScrivi.Click += new System.EventHandler(this.BtnScriviClick);
//
// btnLeggi
//
this.btnLeggi.Font = new System.Drawing.Font("Microsoft Sans Serif", 18F, System.Drawing.FontStyle.Regular,
System.Drawing.GraphicsUnit.Point, ((byte)(0)));
this.btnLeggi.Location = new System.Drawing.Point(291, 419);
this.btnLeggi.Name = "btnLeggi";
this.btnLeggi.Size = new System.Drawing.Size(525, 121);
this.btnLeggi.TabIndex = 3;
this.btnLeggi.Text = "Leggi il file di testo";
this.btnLeggi.UseVisualStyleBackColor = true;
this.btnLeggi.Click += new System.EventHandler(this.BtnLeggiClick);
//
// lblStampa
//
this.lblStampa.Font = new System.Drawing.Font("Microsoft Sans Serif", 18F, System.Drawing.FontStyle.Regular,
System.Drawing.GraphicsUnit.Point, ((byte)(0)));
this.lblStampa.Location = new System.Drawing.Point(46, 620);
this.lblStampa.Name = "lblStampa";
this.lblStampa.Size = new System.Drawing.Size(1294, 79);

```

```

this.lblStampa.TabIndex = 4;
//
// MainForm
//
this.AutoSizeDimensions = new System.Drawing.SizeF(12F, 25F);
this.AutoScaleMode = System.Windows.Forms.AutoScaleMode.Font;
this.ClientSize = new System.Drawing.Size(1352, 764);
this.Controls.Add(this.lblStampa);
this.Controls.Add(this.btnLeggi);
this.Controls.Add(this.btnScrivi);
this.Controls.Add(this.lblInserisciCar);
this.Controls.Add(this.txtInserisciCar);
this.Name = "MainForm";
this.Text = "fileTesto";
this.ResumeLayout(false);
this.PerformLayout();
}

```

## MainForm.cs

```

using System;
using System.Collections.Generic;
using System.Drawing;
using System.Windows.Forms;
using System.IO; //da aggiungere

```

```

namespace fileTesto

```

```

{
    /// <summary>
    /// Description of MainForm.
    /// </summary>
    public partial class MainForm : Form
    {
        public MainForm()
        {
            //
            // The InitializeComponent() call is required for Windows Forms designer support.
            //
            InitializeComponent();

            //
            // TODO: Add constructor code after the InitializeComponent() call.
            //
        }
        void BtnScriviClick(object sender, EventArgs e)

```

```

{

    FileStream fileStream = File.Open("caratteri.txt", FileMode.Append, FileAccess.Write);
    StreamWriter fileWriter = new StreamWriter(fileStream);
    fileWriter.WriteLine(txtInserisciCar.Text);
    //fileWriter.Flush();
    MessageBox.Show("Carattere inserito");
    fileWriter.Close();

}

void BtnLeggiClick(object sender, EventArgs e)
{
    FileInfo fileInfo = new FileInfo("caratteri.txt");
    if (fileInfo.Exists)
    {
        lblStampa.Text="";
        FileStream fileStream = fileInfo.Open(FileMode.Open, FileAccess.Read);
        StreamReader reader = new StreamReader(fileStream);
        String line;
        while ((line = reader.ReadLine()) != null)
        {
            lblStampa.Text=lblStampa.Text+line;
        }
        reader.Close();
    }
}
}
}
}

```