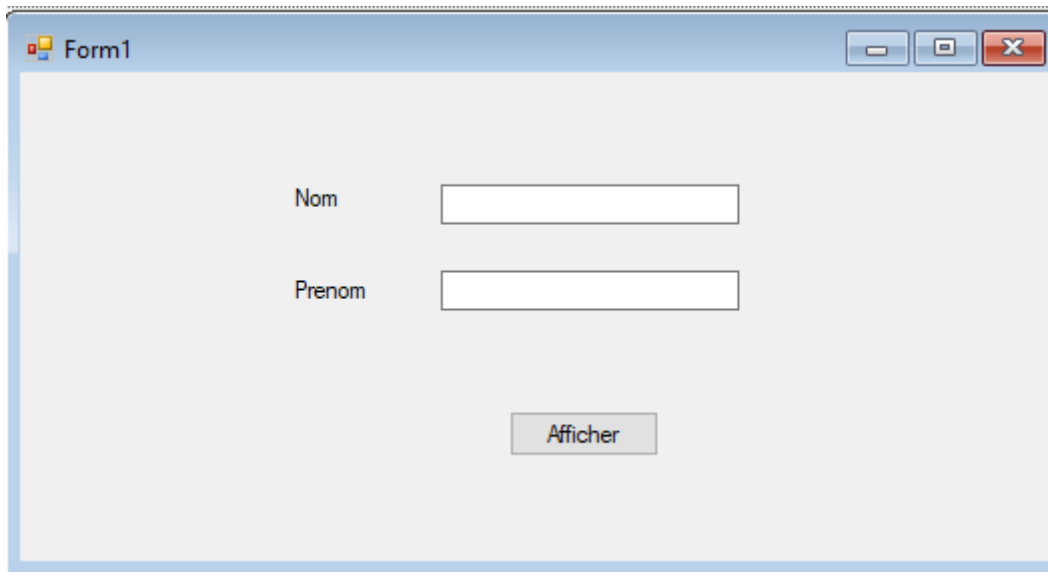


## Correction TP1 DotNet

### Exercise 1:

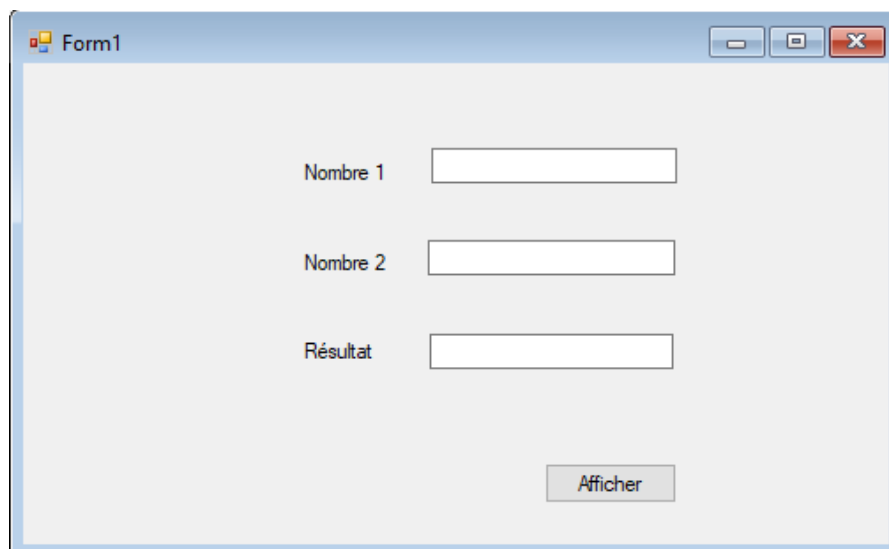
```
private void button1_Click(object sender, EventArgs e)
{
    string message = "Bonjour " + textBox1.Text + " " + textBox2.Text ;
    label3.Text = message;
}
```



The screenshot shows a Windows Form titled "Form1". Inside the form, there are two text boxes. The first text box is labeled "Nom" and the second is labeled "Prenom". Below these text boxes is a button labeled "Afficher". The form has a standard Windows window border with minimize, maximize, and close buttons in the top right corner.

### Exercise 2 :

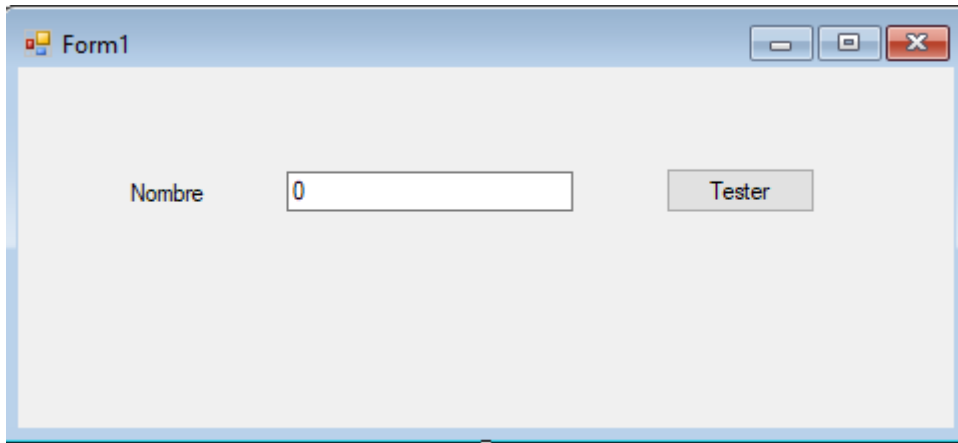
```
private void button1_Click(object sender, EventArgs e)
{
    int nbre1 = int.Parse(textBox1.Text);
    int nbre2 = int.Parse(textBox2.Text);
    int somme = nbre1 + nbre2;
    textBox3.Text = somme.ToString();
}
```



The screenshot shows a Windows Form titled "Form1". Inside the form, there are three text boxes. The first text box is labeled "Nombre 1", the second is labeled "Nombre 2", and the third is labeled "Résultat". Below these text boxes is a button labeled "Afficher". The form has a standard Windows window border with minimize, maximize, and close buttons in the top right corner.

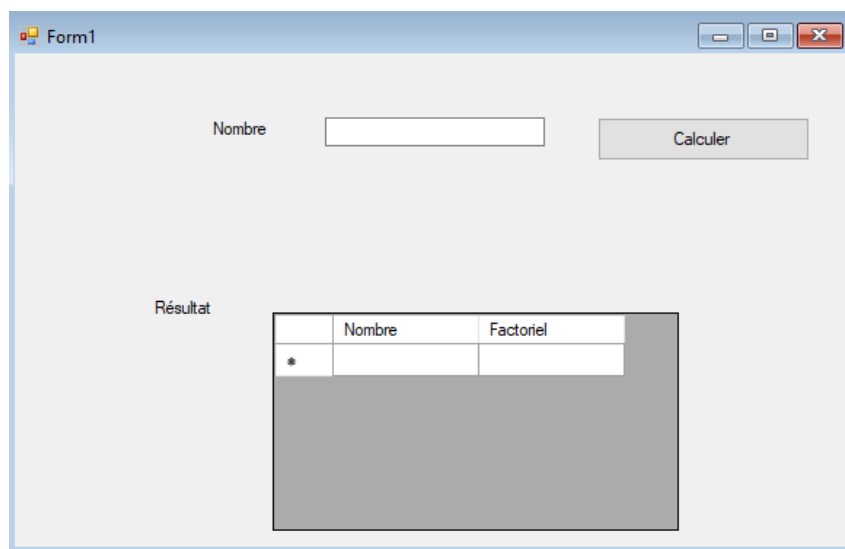
### Exercise 3 :

```
private void button1_Click(object sender, EventArgs e)
{
    int nbre = int.Parse(textBox1.Text);
    String msg;
    if (nbre % 2 == 0)
        msg = "le nombre " + nbre + " est pair";
    else msg = "le nombre " + nbre + " est impair";
    label2.Text = msg;
}
```



### Exercise 4 :

```
private void button1_Click(object sender, EventArgs e)
{
    int nbre = int.Parse(textBox1.Text);
    int fact=1;
    for (int i = 1; i <= nbre; i++)
        fact*= i; //<==> fact = fact * i;
    dataGridView1.Rows.Add(nbre, fact);
}
```



	Nombre	Factoriel
*		

### Exercise 5 :

```
private void button1_Click(object sender, EventArgs e)
```

```

{
    int nbre1 = int.Parse(textBox1.Text);
    int nbre2 = int.Parse(textBox2.Text);
    double resultat=0;
    if (radioButton1.Checked == true)
        resultat = nbre1 + nbre2;
    else if (radioButton2.Checked == true)
        resultat = nbre1 - nbre2;
    else if (radioButton3.Checked == true)
        resultat = nbre1 * nbre2;
    else resultat = nbre1 / nbre2;

    textBox3.Text = resultat.ToString();

}

private void button2_Click(object sender, EventArgs e)
{
    this.Close();
}

```

### **Exercice 6 :**

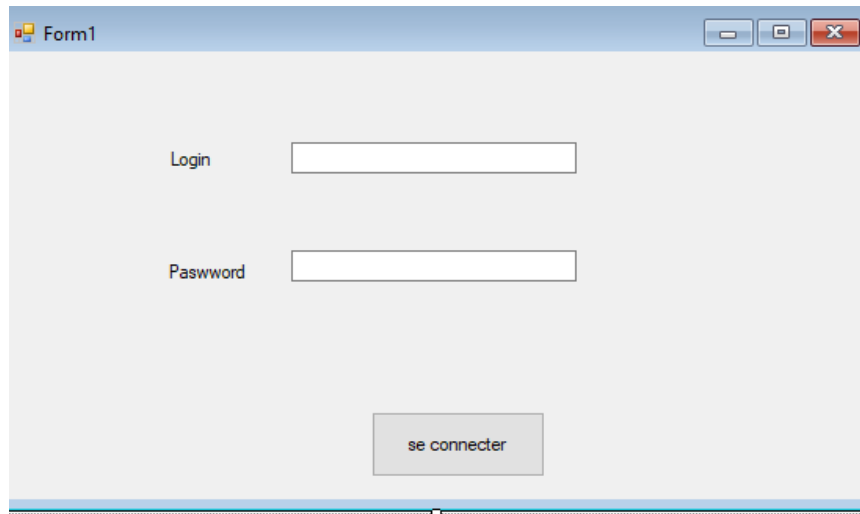
```

private void button1_Click(object sender, EventArgs e)
{
    if (textBox1.Text == "admin" && textBox2.Text == "admin")
    {
        label4.Visible = false;
        MessageBox.Show("Bravo!");
    }

    else
    {
        label4.Visible = true;
        label4.Text = "login et mot de passe erronés";
    }
}

```

}



### **Exercise 7 :**

```
private void button1_Click(object sender, EventArgs e)
{
    dataGridView1.Rows.Add(textBox1.Text, textBox2.Text, textBox3.Text,
comboBox1.Text);
}

private void button3_Click(object sender, EventArgs e)
{
    dataGridView1.Rows.Clear();
}

private void button2_Click(object sender, EventArgs e)
{
    dataGridView1.Rows.RemoveAt(dataGridView1.SelectedRows[0].Index);
}

private void button4_Click(object sender, EventArgs e)
{
    textBox1.Text = "";
    textBox2.Text = "";
    textBox3.Text = "";
    textBox4.Text = "";
    comboBox1.Text = "";
}

private void pictureBox2_Click(object sender, EventArgs e)
{
    this.Close();
}
```

Form1

Contact ID

First Name

Last Name

Adresse

Gender

Contact ID

First Name

Last Name

Gender

\*

Add

Clear Form

Clear Table

Delete