**Задача 1. Показване на дата и час**

A screenshot of a computer

Description automatically generated

**Код:**

private void buttonShowDateTime\_Click(object sender, EventArgs e)

{

buttonShowDateTime.Text = DateTime.Now.ToString();

}

A screenshot of a calculator

Description automatically generated**Задача 2**. **Суматор за числа**

A screenshot of a calculator

Description automatically generated

Код:

private void buttonCalculate\_Click(object sender, EventArgs e)

{

try

{

double num1 = double.Parse(textBoxNum1.Text);

double num2 = double.Parse(textBoxNum2.Text);

double sum = num1 + num2;

textBoxSum.Text = sum.ToString();

}

catch (Exception)

{

textBoxSum.Text = "error";

}

}

Не сме учили try…catch… конструкцията. За подобна задача е достатъчен само следния код:

double num1 = double.Parse(textBoxNum1.Text);

double num2 = double.Parse(textBoxNum2.Text);

double sum = num1 + num2;

textBoxSum.Text = sum.ToString();

**Задача 3.** **Конвертор лева / евро**

Дизайн:

A screenshot of a computer

Description automatically generated

Код:

private void buttonConvert\_Click(object sender, EventArgs e)

{

double bgn = double.Parse(textBoxAmount.Text);

double eur = bgn / 1.95583;

labelResult.Text="Result: "+bgn+" BGN = "+ Math.Round(eur,2)+" EUR";

}

**Задача 4.** **Конвертор от лева към други валути**

A screenshot of a computer

Description automatically generatedДизайн:

Код:

private void buttonConvert\_Click(object sender, EventArgs e)

{

double bgn = double.Parse(textBoxAmount.Text);

double eur = bgn / 1.95583;

double usd = bgn / 1.81487;

double gbp = bgn / 2.21909;

labelResult.Text = "Result:\n" +bgn + " BGN = " + Math.Round(eur, 2) + " EUR\n"

+bgn + " BGN = " + Math.Round(usd, 2) + " USD\n" +

+bgn + " BGN = " + Math.Round(gbp, 2) + " GBP\n";

}

**Задача 5**. **Конвертор с падащ списък**

Дизайн:

A screenshot of a computer

Description automatically generated

Код:

private void buttonConvert\_Click(object sender, EventArgs e)

{

double bgn = double.Parse(numericUpDownAmountBGN.Text);

string currency = comboBoxCurrency.SelectedItem.ToString();

double convertedCurrency = 0.0;

if(currency == "EUR")

{

convertedCurrency = bgn / 1.95583;

}

else if(currency == "USD")

{

convertedCurrency = bgn / 1.81487;

}

else if( currency == "GBP")

{

convertedCurrency = bgn / 2.21909;

}

labelResult.Text = "Result: " + bgn + " BGN = " + Math.Round(convertedCurrency, 2) +" "+currency;

}