

CODE

MyForm.h :-

```
#pragma endregion
```

```
    double firstDigit, secondDigit, result;
    String^ operators;

private: System::Void textBox1_TextChanged(System::Object^ sender, System::EventArgs^ e) {
}
private: System::Void MyForm_Load(System::Object^ sender, System::EventArgs^ e) {
}
private: System::Void EnterNumber(System::Object^ sender, System::EventArgs^ e) {
    Button^ Numbers = safe_cast<Button^>(sender);

    if (txtDisplay->Text == "0") {
        txtDisplay->Text = Numbers->Text;
    }
    else
        txtDisplay->Text = txtDisplay->Text + Numbers->Text;
}
private: System::Void EnterOperator(System::Object^ sender, System::EventArgs^ e) {
    Button^ NumbersOp = safe_cast<Button^>(sender);

    firstDigit = Double::Parse(txtDisplay->Text);
    txtDisplay->Text = "";
    operators = NumbersOp->Text;
}
private: System::Void button18_Click(System::Object^ sender, System::EventArgs^ e) {
    if (!txtDisplay->Text->Contains("."))
    {
        txtDisplay->Text = txtDisplay->Text + ".";
    }
}
private: System::Void button17_Click(System::Object^ sender, System::EventArgs^ e) {
    secondDigit = Double::Parse(txtDisplay->Text);

    if (operators == "+")
    {
        result = firstDigit + secondDigit;
        txtDisplay->Text = System::Convert::ToString(result);
    }

    else if (operators == "-")
    {
        result = firstDigit - secondDigit;
        txtDisplay->Text = System::Convert::ToString(result);
    }

    else if (operators == "/")
    {
        result = firstDigit / secondDigit;
        txtDisplay->Text = System::Convert::ToString(result);
    }

    else if (operators == "x")
    {
        result = firstDigit * secondDigit;
        txtDisplay->Text = System::Convert::ToString(result);
    }
}
private: System::Void button1_Click(System::Object^ sender, System::EventArgs^ e) {
    txtDisplay->Text = "0";
}
```

```

}
private: System::Void button4_Click(System::Object^ sender, System::EventArgs^ {
    if (txtDisplay->Text->Contains("-"))
    {
        txtDisplay->Text = txtDisplay->Text->Remove(0, 1);
    }
    else
    {
        txtDisplay->Text = "-" + txtDisplay->Text;
    }
}
private: System::Void button3_Click(System::Object^ sender, System::EventArgs^ {
    if (txtDisplay->Text->Length > 0)
    {
        txtDisplay->Text=txtDisplay->Text->Remove(txtDisplay->Text->Length - 1, 1);
    }
}
};
}

```

Myform.cpp:-

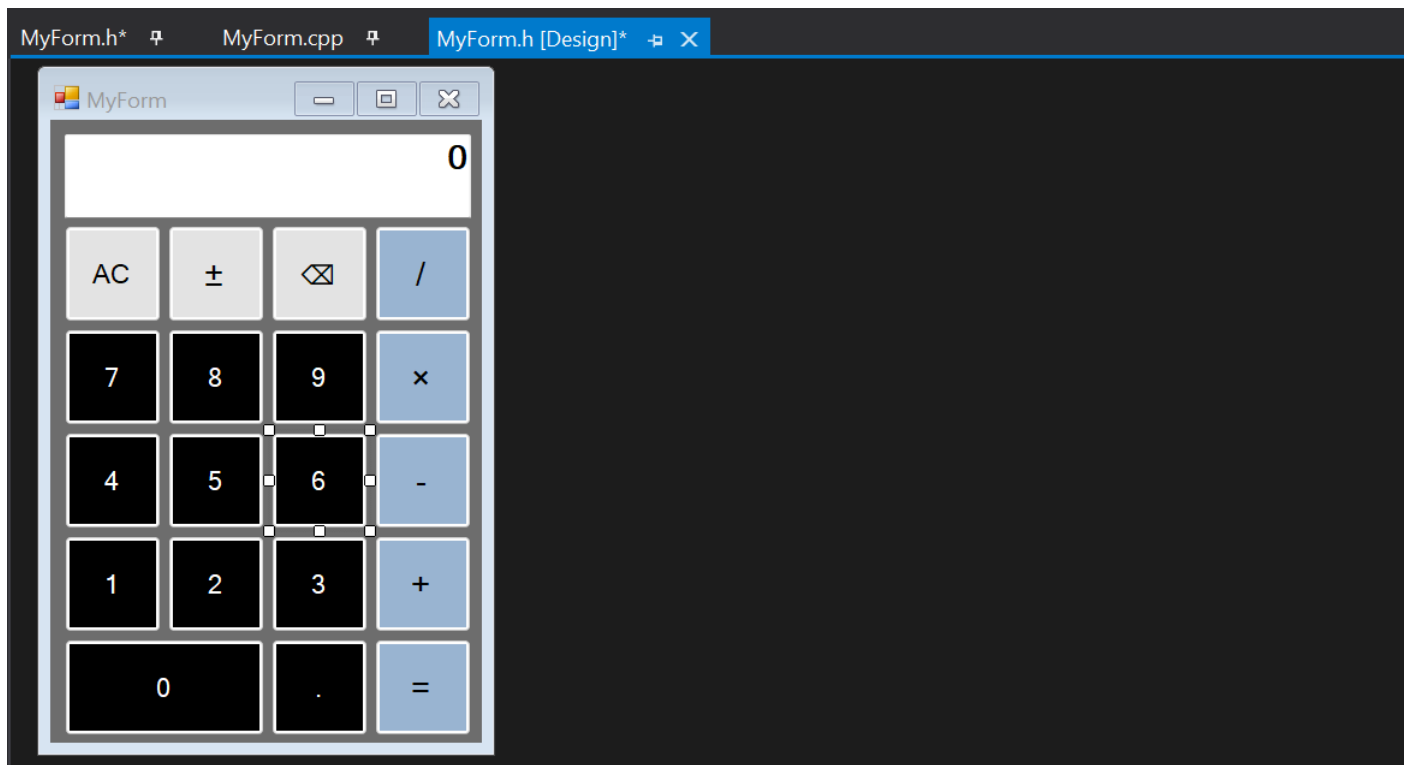
```

#include "MyForm.h"

using namespace System;
using namespace System::Windows::Forms;
[STAThreadAttribute]

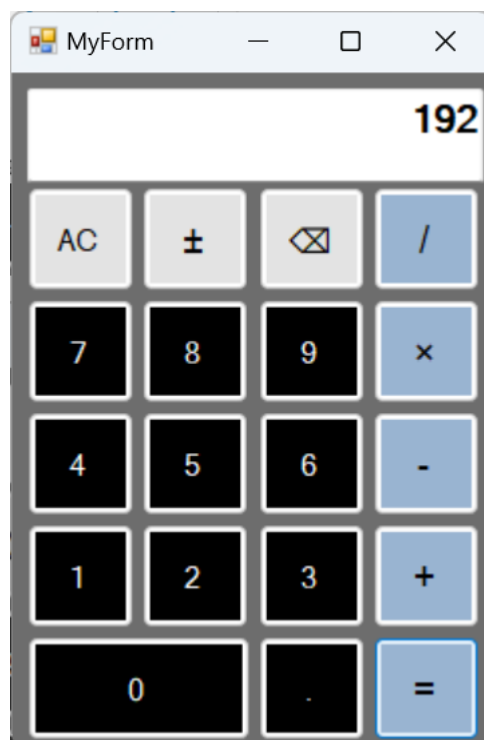
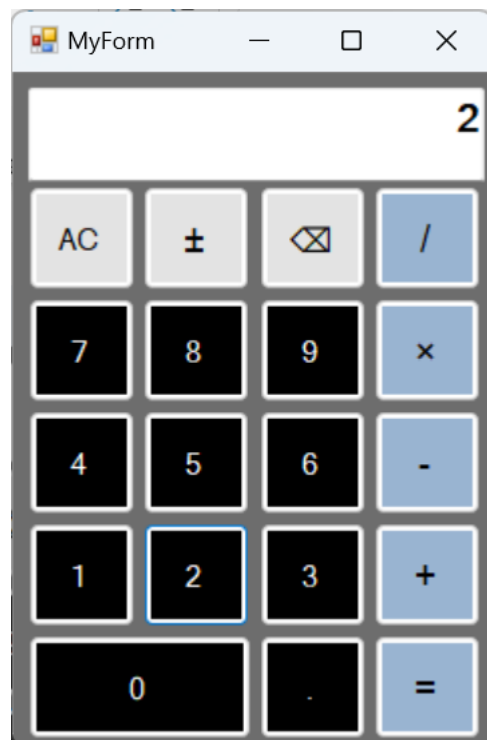
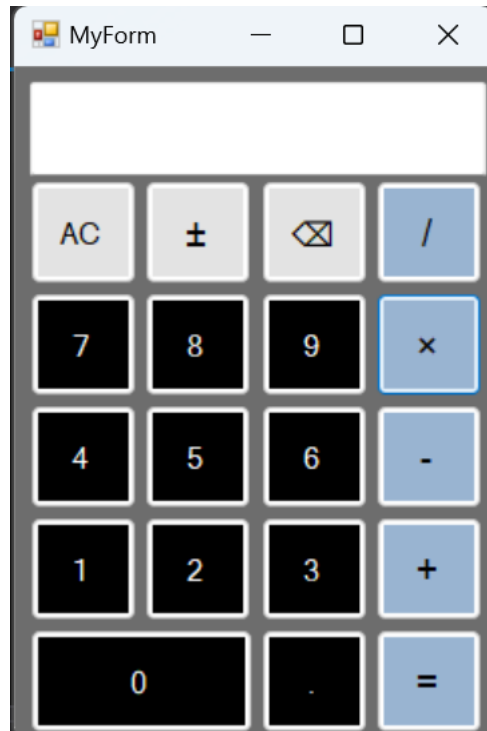
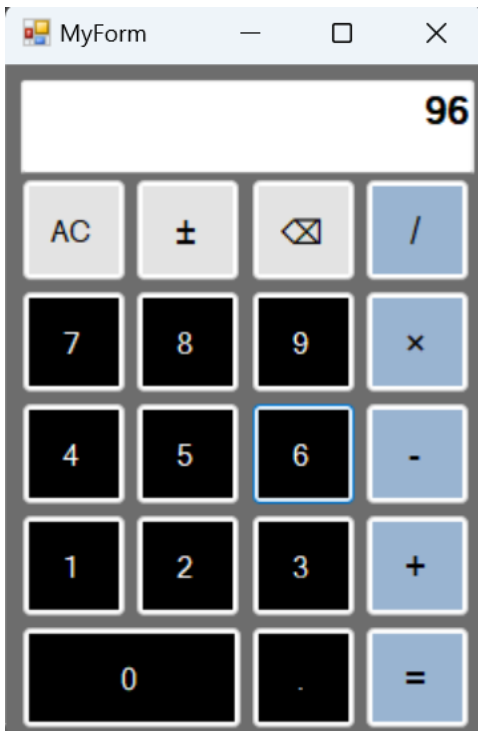
void main(array<String^>^ args)
{
    Application::EnableVisualStyles();
    Application::SetCompatibleTextRenderingDefault(false);
    Project1::MyForm form;
    Application::Run(% form);
}

```



OUTPUT:-

Example : $96 \times 2 = 192$




MyForm

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