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1  #pragma once
2  #include "Interface.h"
3
4  namespace SimpleCalculator {
5
6      public ref class CalculatorForm : public System::Windows::Forms::Form
7      {
8      public:
9          CalculatorForm();
10
11      protected:
12          ~CalculatorForm();
13
14      private: System::Windows::Forms::TextBox^ tbxLeft;
15      private: System::Windows::Forms::ComboBox^ cbxOpr;
16      private: System::Windows::Forms::TextBox^ tbxRight;
17      private: System::Windows::Forms::Button^ btnExec;
18      private: System::Windows::Forms::Label^ lblResult;
19
20      private:
21          System::ComponentModel::Container ^components;
22
23      #pragma region Windows Form Designer generated code
24      /// <summary>
25      /// デザイナー サポートに必要なメソッドです。このメソッドの内容を
26      /// コード エディターで変更しないでください。
27      /// </summary>
28      void InitializeComponent(void)
29      {
30          System::Windows::Forms::Label^ label2;
31          System::Windows::Forms::Label^ label3;
32          System::Windows::Forms::Label^ label4;
33          this->tbxLeft = (gcnew System::Windows::Forms::TextBox());
34          this->cbxOpr = (gcnew System::Windows::Forms::ComboBox());
35          this->tbxRight = (gcnew System::Windows::Forms::TextBox());
36          this->btnExec = (gcnew System::Windows::Forms::Button());
37          this->lblResult = (gcnew System::Windows::Forms::Label());
38          label2 = (gcnew System::Windows::Forms::Label());
39          label3 = (gcnew System::Windows::Forms::Label());
40          label4 = (gcnew System::Windows::Forms::Label());
41          this->SuspendLayout();
42          //
43          // label2
44          //
45          label2->AutoSize = true;
46          label2->Location = System::Drawing::Point(12, 9);
47          label2->Name = L"label2";
48          label2->Size = System::Drawing::Size(22, 12);
49          label2->TabIndex = 5;
50          label2->Text = L"left";
51          //
52          // label3
53          //
54          label3->AutoSize = true;
55          label3->Location = System::Drawing::Point(85, 9);
56          label3->Name = L"label3";
57          label3->Size = System::Drawing::Size(23, 12);
58          label3->TabIndex = 6;
59          label3->Text = L"opr.";
60          //
61          // label4
62          //
63          label4->AutoSize = true;
64          label4->Location = System::Drawing::Point(167, 9);
65          label4->Name = L"label4";
66          label4->Size = System::Drawing::Size(28, 12);
67          label4->TabIndex = 7;
68          label4->Text = L"right";
69          //
70          // tbxLeft
71          //
72          this->tbxLeft->Font = (gcnew System::Drawing::Font(L"MS UI Gothic", 18,
73              System::Drawing::FontStyle::Regular, System::Drawing::GraphicsUnit::Point,
74              static_cast<System::Byte>(128)));
75          this->tbxLeft->Location = System::Drawing::Point(12, 32);
76          this->tbxLeft->Name = L"tbxLeft";
77          this->tbxLeft->Size = System::Drawing::Size(69, 31);
78          this->tbxLeft->TabIndex = 0;
79          //
80          // cbxOpr
81          //
82          this->cbxOpr->DropDownStyle = System::Windows::Forms::ComboBoxStyle::DropDownList;
83          this->cbxOpr->Font = (gcnew System::Drawing::Font(L"MS UI Gothic", 18,

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83     System::Drawing::FontStyle::Regular, System::Drawing::GraphicsUnit::Point,
84     static_cast<System::Byte>(128)));
85     this->cbxOpr->FormattingEnabled = true;
86     this->cbxOpr->Location = System::Drawing::Point(87, 32);
87     this->cbxOpr->Name = L"cbxOpr";
88     this->cbxOpr->Size = System::Drawing::Size(76, 32);
89     this->cbxOpr->Sorted = true;
90     this->cbxOpr->TabIndex = 1;
91     //
92     // tbxRight
93     this->tbxRight->Font = (gcnew System::Drawing::Font(L"MS UI Gothic", 18,
94     System::Drawing::FontStyle::Regular, System::Drawing::GraphicsUnit::Point,
95     static_cast<System::Byte>(128)));
96     this->tbxRight->Location = System::Drawing::Point(169, 33);
97     this->tbxRight->Name = L"tbxRight";
98     this->tbxRight->Size = System::Drawing::Size(69, 31);
99     this->tbxRight->TabIndex = 2;
100    //
101    // btnExec
102    this->btnExec->Font = (gcnew System::Drawing::Font(L"MS UI Gothic", 18,
103    System::Drawing::FontStyle::Regular, System::Drawing::GraphicsUnit::Point,
104    static_cast<System::Byte>(128)));
105    this->btnExec->Location = System::Drawing::Point(244, 30);
106    this->btnExec->Name = L"btnExec";
107    this->btnExec->Size = System::Drawing::Size(29, 33);
108    this->btnExec->TabIndex = 3;
109    this->btnExec->Text = L"";
110    this->btnExec->UseVisualStyleBackColor = true;
111    this->btnExec->Click += gcnew System::EventHandler(this, &CalculatorForm::btnExec_Click);
112    //
113    // lblResult
114    this->lblResult->BorderStyle = System::Windows::Forms::BorderStyle::FixedSingle;
115    this->lblResult->Font = (gcnew System::Drawing::Font(L"MS UI Gothic", 48,
116    System::Drawing::FontStyle::Regular, System::Drawing::GraphicsUnit::Point,
117    static_cast<System::Byte>(128)));
118    this->lblResult->Location = System::Drawing::Point(12, 77);
119    this->lblResult->Name = L"lblResult";
120    this->lblResult->Size = System::Drawing::Size(259, 71);
121    this->lblResult->TabIndex = 4;
122    this->lblResult->Text = L"0";
123    this->lblResult->TextAlign = System::Drawing::ContentAlignment::MiddleCenter;
124    //
125    // CalculatorForm
126    this->AutoScaleDimensions = System::Drawing::SizeF(6, 12);
127    this->AutoScaleMode = System::Windows::Forms::AutoScaleMode::Font;
128    this->ClientSize = System::Drawing::Size(283, 168);
129    this->Controls->Add(label4);
130    this->Controls->Add(label3);
131    this->Controls->Add(label2);
132    this->Controls->Add(this->lblResult);
133    this->Controls->Add(this->btnExec);
134    this->Controls->Add(this->tbxRight);
135    this->Controls->Add(this->cbxOpr);
136    this->Controls->Add(this->tbxLeft);
137    this->FormBorderStyle = System::Windows::Forms::FormBorderStyle::FixedSingle;
138    this->MaximizeBox = false;
139    this->Name = L"CalculatorForm";
140    this->Text = L"Calculator";
141    this->ResumeLayout(false);
142    this->PerformLayout();
143    }
144    #pragma endregion
145    private:
146    // '=' ボタン・クリックのハンドラ
147    System::Void btnExec_Click(System::Object^ sender, System::EventArgs^ e);
148    [System::ComponentModel::Composition::Import(ICalculator::typeid)]
149    ICalculator^ calculator_;
150    };
151    };
152    };
153    };
154    };
155    };
156    };

```