# EC 2010 COMPUTER PROGRAMMING LAB 04

NAME :RENUJAN J.

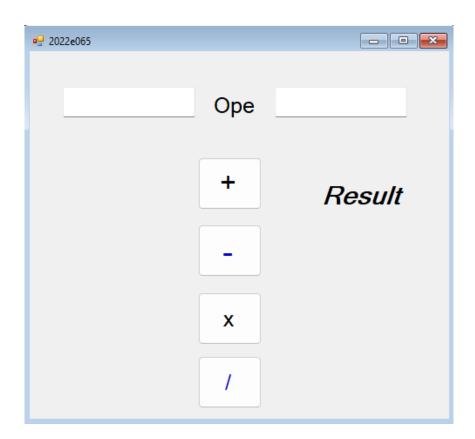
REGISTRATION NO. :2022/E/065

DATE ASSIGNED :19 Oct 2023

## **QUESTION 01**

#### **CPP Script**

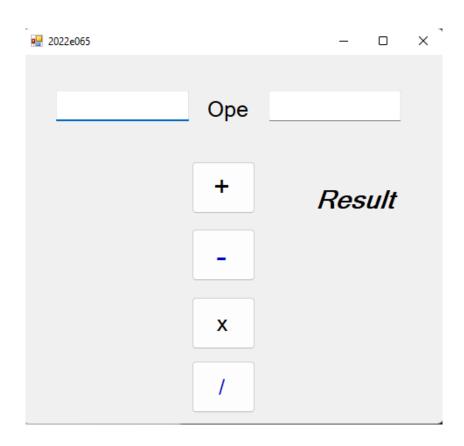
## **Design**



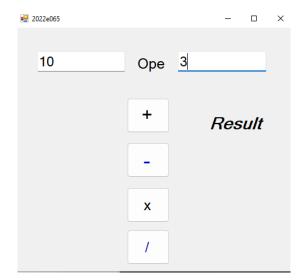
## h Script

```
MyForm.h* → × MyForm.cpp*
                                                    (Global Scope)
             #pragma endregion
                 private: System::Void button1_Click(System::Object^ sender, System::EventArgs^ e) {
                     label1->Text = " +
                     double results = System::Convert::ToDouble(textBox1->Text) + System::Convert::ToDouble(textBox2->Text);
label2->Text = "= " + System::Convert::ToString(results);
                 private: System::Void button2_Click(System::Object^ sender, System::EventArgs^ e) {
                      label1->Text = " -
                      double results = System::Convert::ToDouble(textBox1->Text) - System::Convert::ToDouble(textBox2->Text);
                      label2->Text = "= " + System::Convert::ToString(results);
           Eprivate: System::Void button3_Click(System::Object^ sender, System::EventArgs^ e) {
                 label1->Text = " x";
                 double results = System::Convert::ToDouble(textBox1->Text) * System::Convert::ToDouble(textBox2->Text);
                 label2->Text = "= " + System::Convert::ToString(results);
            private: System::Void button4_Click(System::Object^ sender, System::EventArgs^ e) {
                 label1->Text = " /";
                 double results = System::Convert::ToDouble(textBox1->Text) / System::Convert::ToDouble(textBox2->Text);
label2->Text = "= " + System::Convert::ToString(results);
```

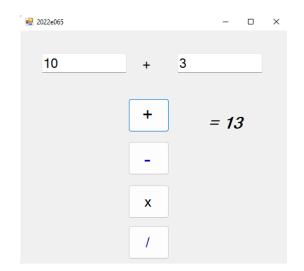
## **Result**



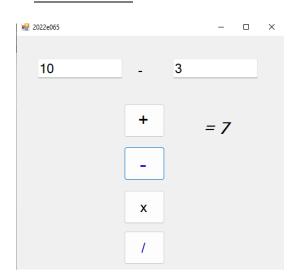
# Get Input



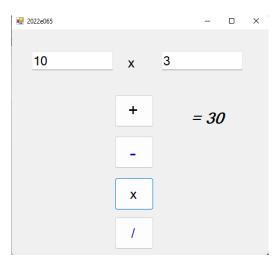
## Addition



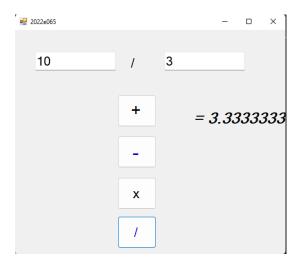
## **Subtraction**



# Multiplication



# **Division**

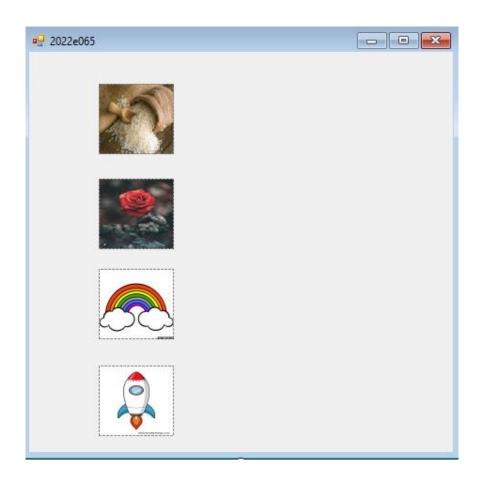


## **QUESTION 02**

#### **CPP Script**

```
| Comparison | Com
```

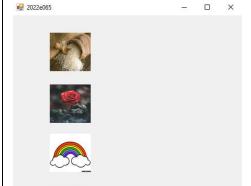
## **Design**



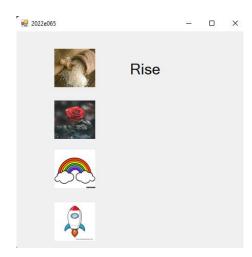
#### h Script

```
MyForm.h → X MyForm.h [Design]
                                          (Global Scope)
    180
          #pragma endregion
               private: System::Void pictureBox1_Click(System::Object^ sender, System::EventArgs^ e) {
                   label1 -> Visible = true;
                    this->label1->Text = "Rise";
                    label2->Hide(), label3->Hide(), label4->Hide();
         private: System::Void pictureBox2_Click(System::Object^ sender, System::EventArgs^ e) {
               label2->Visible = true;
                this->label2->Text = "Rose";
                label1->Hide(), label3->Hide(), label4->Hide();
          private: System::Void pictureBox3_Click(System::Object^ sender, System::EventArgs^ e) {
                label3->Visible = true;
                this->label3->Text = "Rainbow";
                label1->Hide(), label2->Hide(), label4->Hide();
          private: System::Void pictureBox4_Click(System::Object^ sender, System::EventArgs^ e) [
                label4->Visible = true;
                this->label4->Text = "Rocket";
                label1->Hide(), label2->Hide(), label3->Hide();
```

#### Result



## When click the picture 1



#### When click the picture 2

## When click the picture 3

