

Двумерные массивы

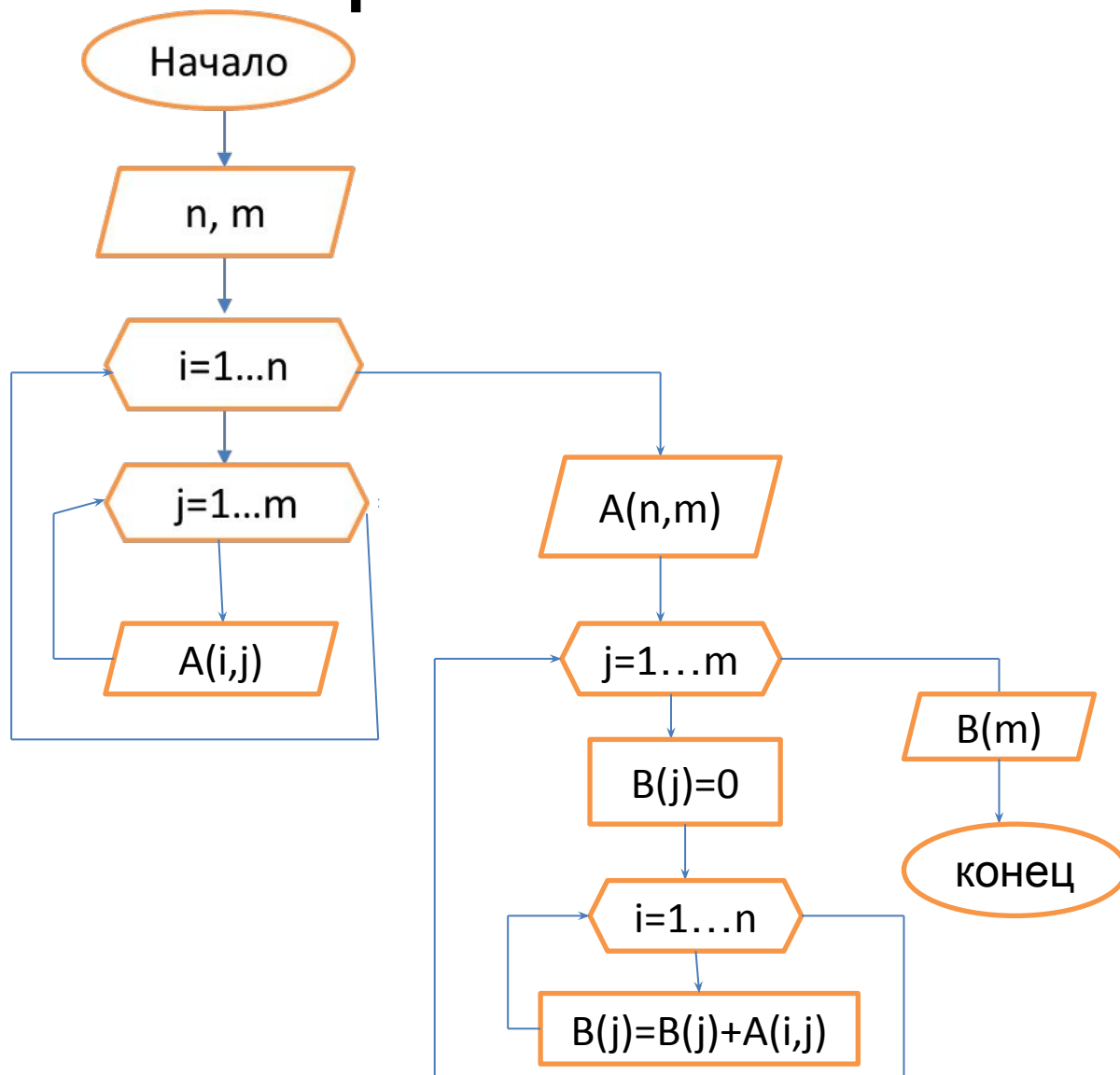
Выполнили:

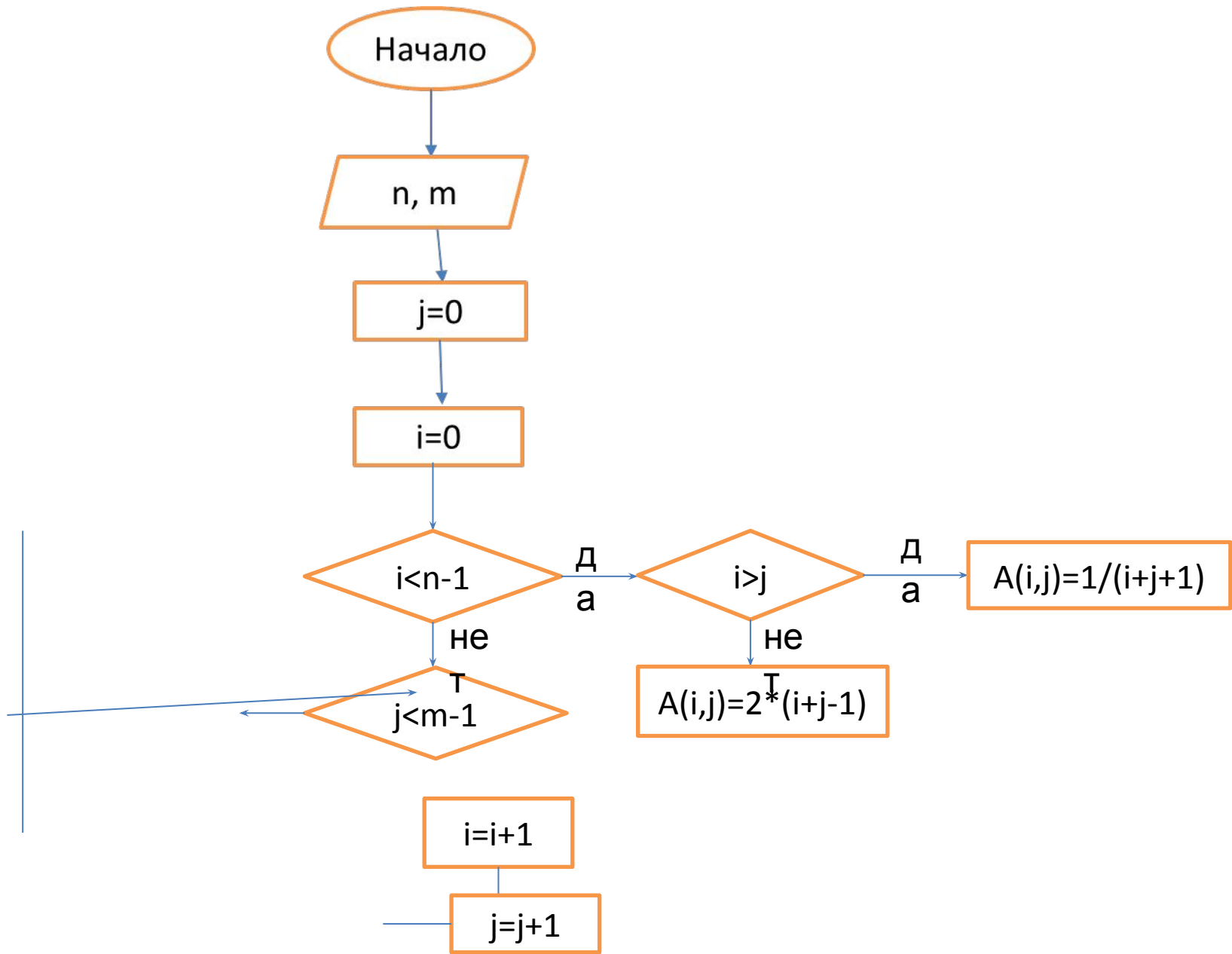
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и Любивая Полина

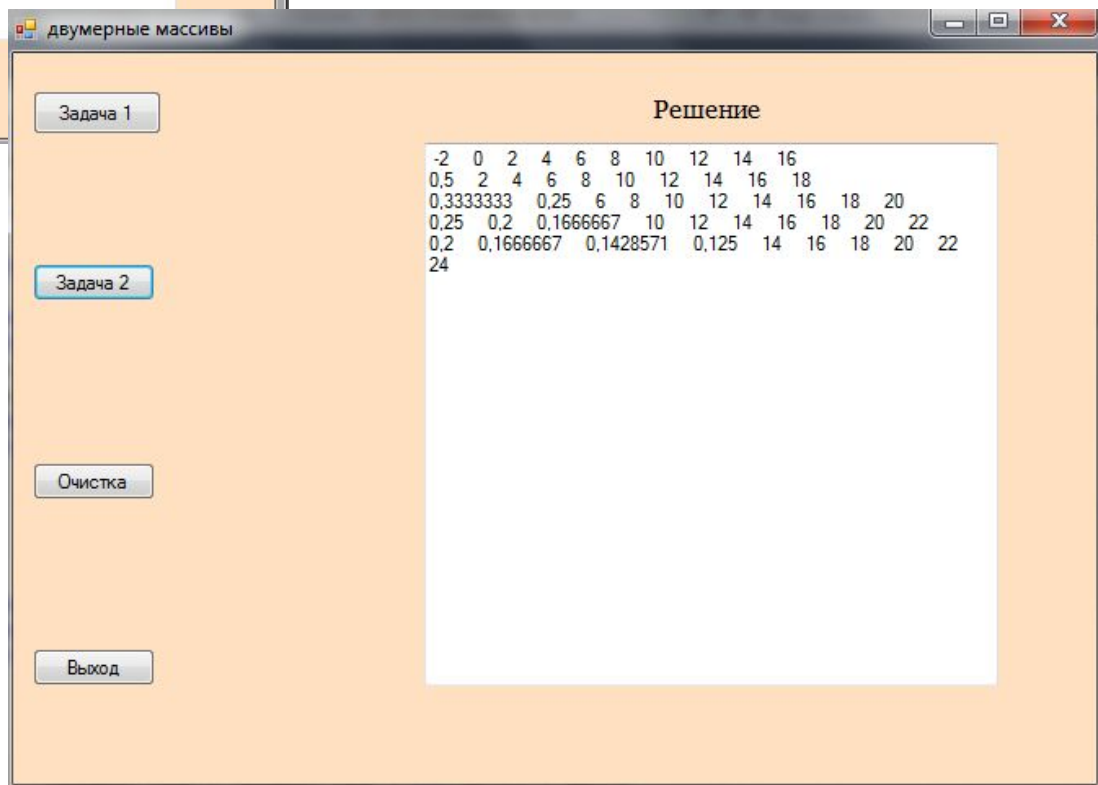
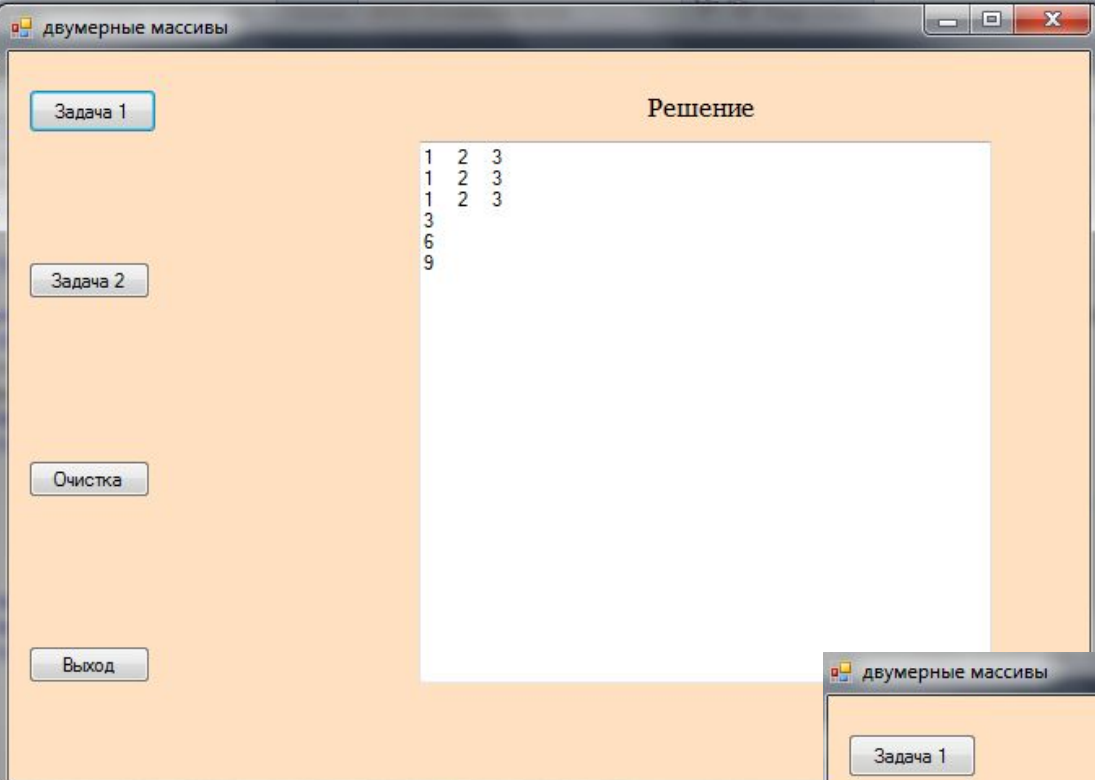
Объект	Свойства	Значение
Форма	Name Text BackColor	Form1 Двумерные массивы 255; 224; 192
Кнопка1	Name Text BackColor ForeColor	Button1 Задача 1 255; 224; 192 ControlText
Кнопка2	Name Text BackColor ForeColor	Button2 Задача 2 255; 224; 192 ControlText
Текстовое окно1	Name Text BackColor ForeColor	Textbox1 ControlText

Объект	Свойства	Значение
Кнопка3	Name Text BackColor ForeColor	Button3 Очистка 255; 224; 192 ControlText
Кнопка4	Name Text BackColor ForeColor	Button4 Выход 255; 224; 192 ControlText

Алгоритм







```

Public Class Form1
    Dim A(,) As Single
    Dim B() As Single
    Private Sub Label1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Label1.Click
    End Sub

    Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button1.Click
        Dim i, j, n, m As Integer
        n = CInt(TextBox1.Text)
        m = CInt(TextBox2.Text)
        ReDim A(0 To n - 1, 0 To m - 1)
        For i = 0 To n - 1
            For j = 0 To m - 1
                A(i, j) = CInt(TextBox3.Text)
                TextBox4.Text = TextBox4.Text + CStr(A(i, j)) + " "
            Next j
            TextBox4.Text = TextBox4.Text + vbCrLf
        Next i
        ReDim B(0 To m - 1)
        For j = 0 To m - 1
            B(j) = 0
            For i = 0 To n - 1
                B(j) = B(j) + A(i, j)
            Next i
            TextBox4.Text = TextBox4.Text + CStr(B(j)) + vbCrLf
        Next j
    End Sub

    Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button2.Click
        Dim i, j, n, m As Integer
        n = CInt(TextBox1.Text)
        m = CInt(TextBox2.Text)
        ReDim A(0 To n - 1, 0 To m - 1)
        For i = 0 To n - 1
            For j = 0 To m - 1
                If i <= j Then
                    A(i, j) = 2 * (i + j - 1)
                Else
                    A(i, j) = 1 / (i + j + 1)
                End If
            Next j
        Next i
    End Sub
End Class
    
```

```
Next i
ReDim B(0 To m - 1)
For j = 0 To m - 1
    B(j) = 0
    For i = 0 To n - 1
        B(j) = B(j) + A(i, j)
    Next i
    TextBox1.Text = TextBox1.Text + CStr(B(j)) + vbCrLf
Next j
End Sub
```

```
Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button2.Click
    Dim i, j, n, m As Integer
    n = CInt(InputBox("Введите n", "Ввод n", ))
    m = CInt(InputBox("Введите m", "Ввод m", ))
    ReDim A(0 To n - 1, 0 To m - 1)
    For i = 0 To n - 1
        For j = 0 To m - 1
            If i <= j Then
                A(i, j) = 2 * (i + j - 1)
            Else
                A(i, j) = 1 / (i + j + 1)
            End If
            TextBox1.Text = TextBox1.Text + CStr(A(i, j)) + "   "
        Next j
        TextBox1.Text = TextBox1.Text + vbCrLf
    Next i
End Sub
```

```
Private Sub Button3_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button3.Click
    TextBox1.Text = " "
End Sub
```

```
Private Sub Button4_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button4.Click
    End
End Sub
End Class
```


Спасибо за внимание