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Sub MatrixInversion()
Dim n, pivot As Integer
Dim i As Integer
Dim j As Integer
Dim k As Integer
Dim m1 As Double
Dim m2 As Double
n = Sheets(1).Cells(1, 1)
For i = 1 To n
    For j = 1 To n
        Sheets(2).Cells(i, j) = Sheets(1).Cells(i + 1, j)
        Sheets(3).Cells(i, j) = 0
        If i = j Then
            Sheets(3).Cells(i, j) = 1
        End If
    Next j
Next i
For pivot = 1 To n
    m1 = Sheets(2).Cells(pivot, pivot)
    If m1 <> 0 Then
        For i = 1 To n
            Sheets(2).Cells(pivot, i) = Sheets(2).Cells(pivot, i) / m1
            Sheets(3).Cells(pivot, i) = Sheets(3).Cells(pivot, i) / m1
        Next i
        For j = 1 To n
            If j <> pivot Then
                m2 = Sheets(2).Cells(j, pivot)
                For k = 1 To n
                    Sheets(2).Cells(j, k) = Sheets(2).Cells(j, k) - m2 * Sheets(2).Cells(pivot, k)
                    Sheets(3).Cells(j, k) = Sheets(3).Cells(j, k) - m2 * Sheets(3).Cells(pivot, k)
                Next k
            End If
        Next j
    Else
        Sheets(1).Cells(1, 2) = "Matrix is not invertible!"
    End If
Next pivot
For i = 1 To n
    For j = 1 To n
        Sheets(4).Cells(i, j) = 0
        For k = 1 To n
            Sheets(4).Cells(i, j) = Sheets(4).Cells(i, j) + Sheets(1).Cells(i + 1, k) * Sheets(3).Cells(k, j)
        Next k
    Next j
Next i
End Sub
```