

```
#include <iostream>
using namespace std;

int main()
{
    int A[3][3], B[3][3], C[3][3];
    int m, n;

    cout << "\t\t\tProgram Penjumlahan 2 Matriks\n";
    cout << "\t\t\t===== \n"
        << endl;
    cout << "Input Matriks Pertama (3x3): \n\n";

    for (m = 0; m < 3; m++)
    {
        for (n = 0; n < 3; n++)
        {
            cin >> A[m][n];
        }
    }
    cout << endl;

    cout << "Input Matriks Kedua (3x3): \n\n";

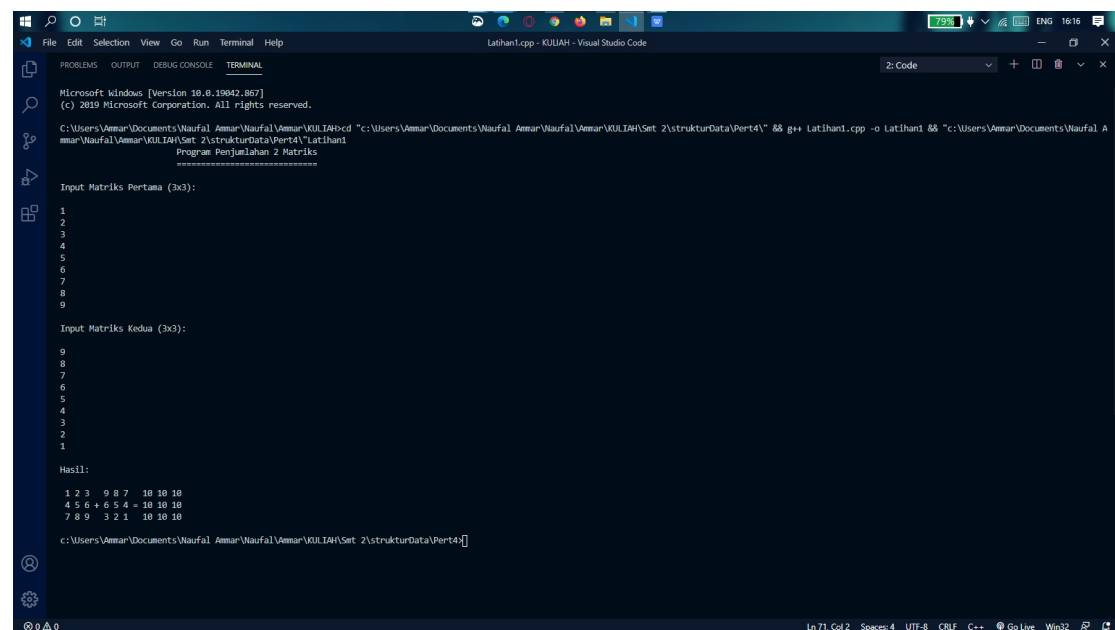
    for (m = 0; m < 3; m++)
    {
        for (n = 0; n < 3; n++)
        {
            cin >> B[m][n];
        }
    }
    cout << endl;

    cout << "Hasil: \n\n";
    for (m = 0; m < 3; m++)
    {
        for (n = 0; n < 3; n++)
        {
            C[m][n] = A[m][n] + B[m][n];
        }
    }

    for (m = 0; m < 3; m++)
    {
        for (n = 0; n < 3; n++)
        {
            cout << " " << A[m][n];
        }
    }
}
```

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```
        if (m == 1)
        {
            cout << " +";
        }
        else
            cout << "\t";
        for (n = 0; n < 3; n++)
        {
            cout << " " << B[m][n];
        }
        if (m == 1)
        {
            cout << " =";
        }
        else
            cout << "\t";
        for (n = 0; n < 3; n++)
        {
            cout << " " << C[m][n];
        }
        cout << endl;
    }
}
```



The screenshot shows the Visual Studio Code interface with a C++ file named 'Latihan1.cpp' open. The terminal window displays the output of the program, which prompts for two 3x3 matrices and prints their sum. The input for the first matrix is:

```
Input Matriks Pertama (3x3):
1
2
3
4
5
6
7
8
9
```

The input for the second matrix is:

```
Input Matriks Kedua (3x3):
9
8
7
6
5
4
3
2
1
```

The output of the program is:

```
Hasil:
1 2 3 9 8 7 10 10 10
4 5 6 + 6 5 4 = 10 10 10
7 8 9 3 2 1 10 10 10
```

The status bar at the bottom indicates the file is at line 71, column 2, with 4 spaces, UTF-8 encoding, CRLF line endings, and C++ language.

```
#include <iostream>
using namespace std;

int main()
{
    int A[3][3], B[3][3], C[3][3];
    int m, n, o, jumlah = 0;

    cout << "\t\t\tProgram Perkalian 2 Matriks\n";
    cout << "\t\t\t===== \n"
        << endl;
    cout << "Input Matriks Pertama (3x3): \n\n";

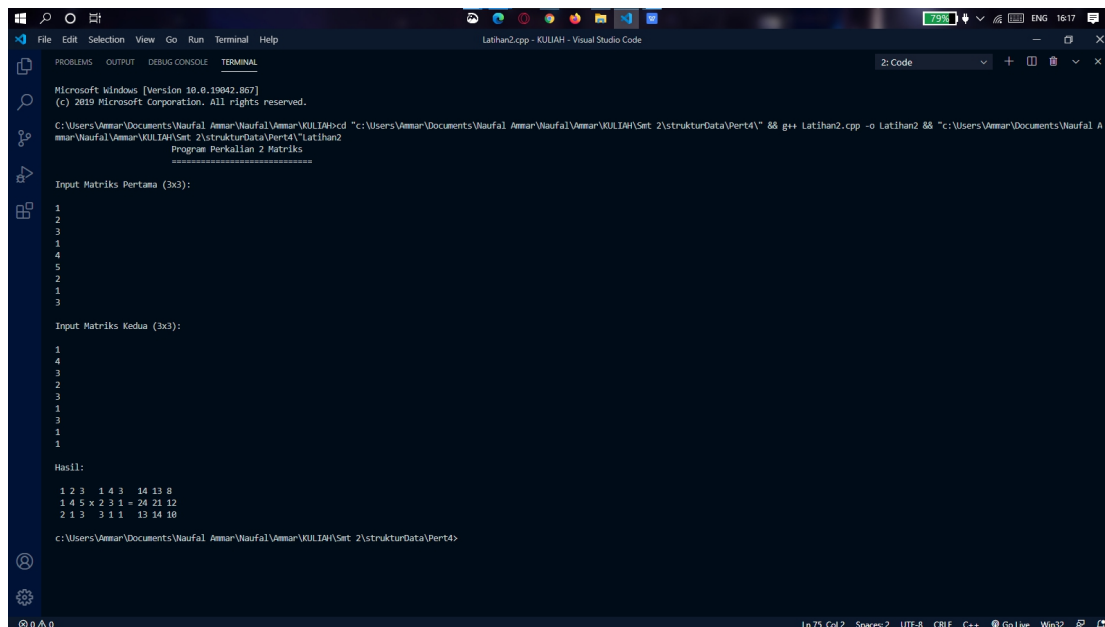
    for (m = 0; m < 3; m++)
    {
        for (n = 0; n < 3; n++)
        {
            cin >> A[m][n];
        }
    }
    cout << endl;

    cout << "Input Matriks Kedua (3x3): \n\n";

    for (m = 0; m < 3; m++)
    {
        for (n = 0; n < 3; n++)
        {
            cin >> B[m][n];
        }
    }
    cout << endl;
    cout << "Hasil: \n\n";
    for (m = 0; m < 3; m++)
    {
        for (n = 0; n < 3; n++)
        {
            for (o = 0; o < 3; o++)
            {
                jumlah = jumlah + A[m][o] * B[o][n];
            }
            C[m][n] = jumlah;
            jumlah = 0;
        }
    }

    for (m = 0; m < 3; m++)
    {
```

```
    for (n = 0; n < 3; n++)
    {
        cout << " " << A[m][n];
    }
    if (m == 1)
    {
        cout << " x";
    }
    else
        cout << "\t";
    for (n = 0; n < 3; n++)
    {
        cout << " " << B[m][n];
    }
    if (m == 1)
    {
        cout << " =";
    }
    else
        cout << "\t";
    for (n = 0; n < 3; n++)
    {
        cout << " " << C[m][n];
    }
    cout << endl;
}
```



Microsoft Windows [Version 10.0.19042.867]  
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C:\Users\Vmmar\Documents\Naufal\_Ammar\Naufal\mmar\KULIAH\Set 2\strukturData\Pert4> cd "c:\Users\Vmmar\Documents\Naufal\_Ammar\Naufal\mmar\KULIAH\Set 2\strukturData\Pert4" && g++ Latihan2.cpp -o Latihan2 && "c:\Users\Vmmar\Documents\Naufal\_Ammar\Naufal\mmar\KULIAH\Set 2\strukturData\Pert4\Latihan2.exe"

Program Perkalian 2 Matriks

Input Matriks Pentama (3x3):

```
1
2
3
1
4
5
2
1
3
```

Input Matriks Kedua (3x3):

```
1
4
3
2
3
1
3
1
1
```

Hasil:

```
1 2 3   1 4 3   14 13 8
1 4 5 x 2 3 1 = 24 21 12
2 1 3   3 1 1   13 14 10
```

c:\Users\Vmmar\Documents\Naufal\_Ammar\Naufal\mmar\KULIAH\Set 2\strukturData\Pert4>