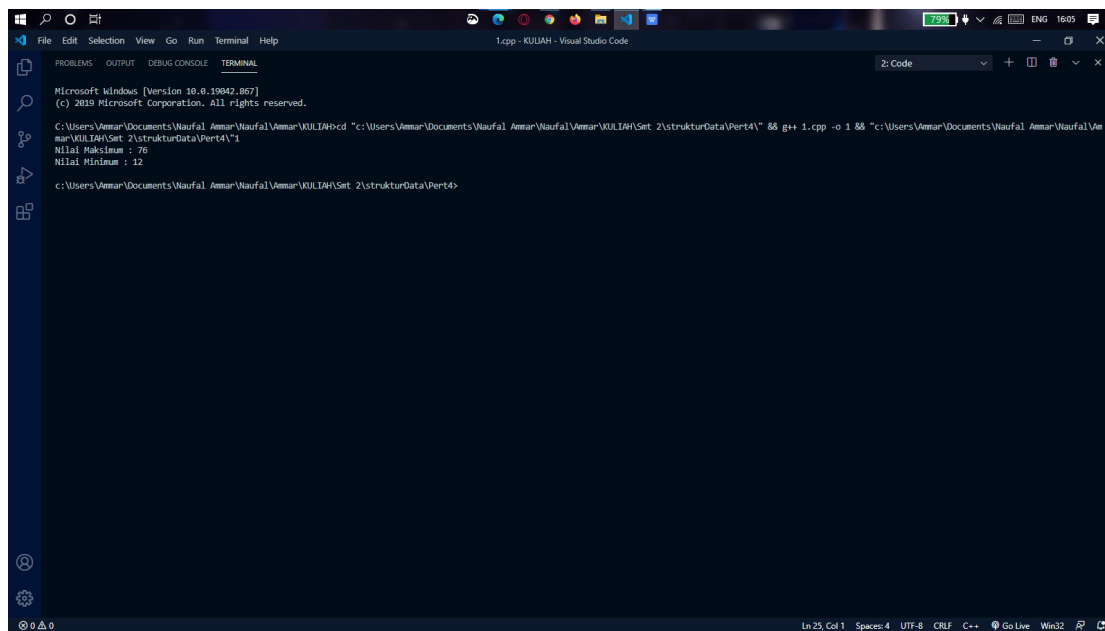


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```
#include <iostream>

using namespace std;

int main()
{
    int x[10] = {45, 34, 23, 34, 32, 12, 65, 76, 34, 23};
    int i;
    int maks = -1000;
    int min = 1000;
    for (i = 0; i < 10; i++)
    {
        if (x[i] > maks)
        {
            maks = x[i];
        }
        else if (x[i] < min)
        {
            min = x[i];
        }
    }
    cout << "Nilai Maksimum : " << maks << endl;
    cout << "Nilai Minimum : " << min << endl;
}
```



The screenshot shows the Visual Studio Code interface with a C++ file named '1.cpp - KULIAH - Visual Studio Code'. The code is the same as shown in the previous block. The terminal window is open, showing the command to compile and run the program: `g++ 1.cpp -o 1 && g++ 1.cpp -o 1 && "c:\Users\Ammar\Documents\Naufal Ammar\Naufal\Ammar\KULIAH\Set 2\strukturData\Pert4\1"`. The output of the program is displayed in the terminal: `Nilai Maksimum : 76` and `Nilai Minimum : 12`. The status bar at the bottom indicates the current line and column: `Ln 25, Col 1`.

```
#include <iostream>

using namespace std;

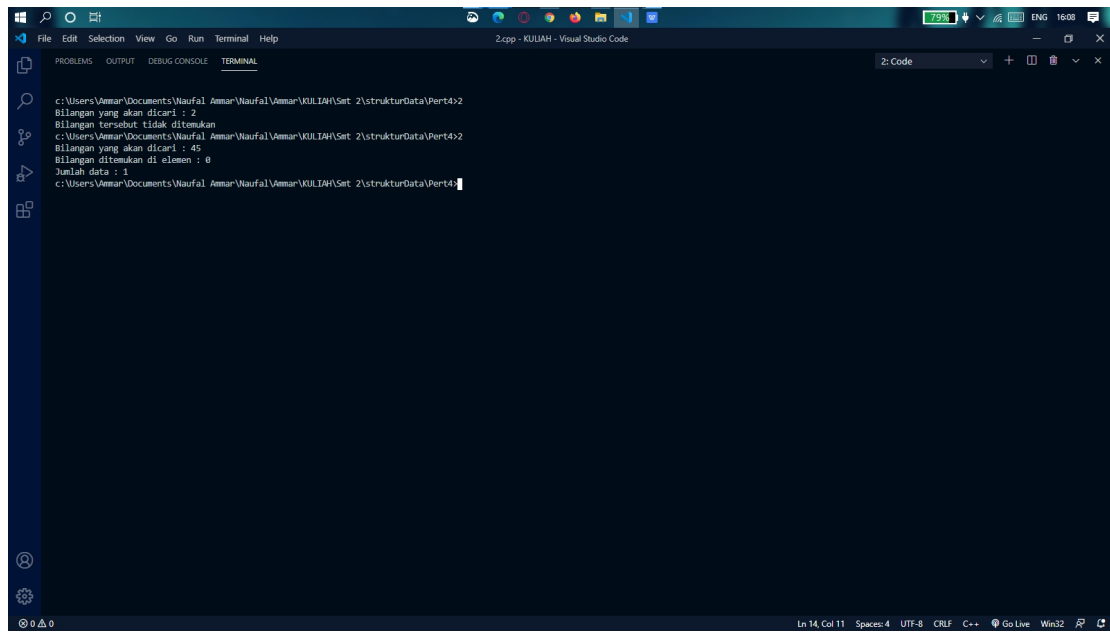
int main()
{
    int x[10] = {45, 34, 23, 34, 32, 12, 65, 76, 34, 23};
    int i, bil, jumlah;
    bool ketemu = false;

    jumlah = 0;

    cout << "Bilangan yang akan dicari : ";
    cin >> bil;

    for (i = 0; i < 10; i++)
    {
        if (x[i] == bil)
        {
            ketemu = true;
            cout << "Bilangan ditemukan di elemen : " << i << endl;
            jumlah++;
        }
        else if (ketemu)
        {
            cout << "Jumlah data : " << jumlah;
            break;
        }
        else
        {
            cout << "Bilangan tersebut tidak ditemukan";
            break;
        }
    }
}
```

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The image shows a screenshot of a Visual Studio Code terminal window. The terminal is running a C++ program. The output of the program is as follows:

```
c:\Users\Ammar\Documents\Naufal Ammar\Naufal\Ammar\KULIAH\Set 2\strukturData\Pert4>2
Bilangan yang akan dicari : 2
Bilangan tersebut tidak ditemukan
c:\Users\Ammar\Documents\Naufal Ammar\Naufal\Ammar\KULIAH\Set 2\strukturData\Pert4>2
Bilangan yang akan dicari : 45
Bilangan ditemukan di elemen : 0
Jumlah data : 1
c:\Users\Ammar\Documents\Naufal Ammar\Naufal\Ammar\KULIAH\Set 2\strukturData\Pert4>
```

The terminal window has a dark theme. The top bar shows the file explorer, search, and run and debug buttons. The top right corner shows the battery level at 79%, signal strength, and the time 16:08. The bottom status bar shows the current line and column (Ln 14, Col 11), the number of spaces (4), the encoding (UTF-8), the line ending (CRLF), the language (C++), the Go Live extension, the window title (Win32), and the file icon.

```
#include <iostream>
#define Nmaks10

using namespace std;

typedef int matrik;

int main(int argc, char const *argv[])
{
    int n, i, j;
    matrik A[3][3], B[3][3], C[3][3];

    cout << "Program Penjumlahan Matrik A 2x2 dan B 2x2" << endl
         << endl;

    n = 2;
    cout << "Masukkan Nilai-Nilai Matrik A" << endl;
    for (i = 1; i <= n; i++)
    {
        for (j = 1; j <= n; j++)
        {
            cout << "A[" << i << "," << j << "] = ";
            cin >> A[i][j];
        }
    }

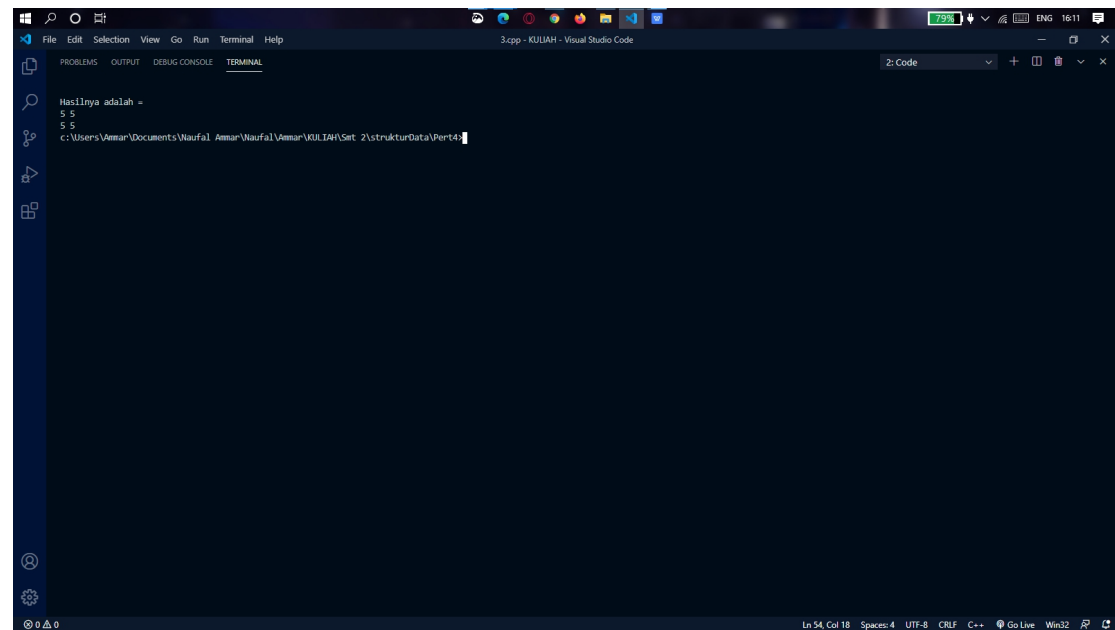
    system("cls");
    cout << "Masukkan Nilai-Nilai Matrik B" << endl;
    for (i = 1; i <= n; i++)
    {
        for (j = 1; j <= n; j++)
        {
            cout << "B[" << i << "," << j << "] = ";
            cin >> B[i][j];
        }
    }

    system("cls");
    cout << endl;
    for (i = 1; i <= n; i++)
    {
        for (j = 1; j <= n; j++)
        {
            C[i][j] = A[i][j] + B[i][j];
        }
    }

    cout << "Hasilnya adalah = " << endl;
```

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```
    for (j = 1; j <= n; j++)  
    {  
        cout << C[1][j] << " ";  
    }  
    cout << endl;  
    for (j = 1; j <= n; j++)  
    {  
        cout << C[2][j] << " ";  
    }  
}
```



```
#include <iostream>
#define Nmaks10

using namespace std;

typedef int matrik;

int main(int argc, char const *argv[])
{
    int n, i, j;
    matrik A[3][3], B[3][3], C[3][3];

    cout << "Program Penjumlahan Matrik A 2x2 dan B 2x2" << endl
         << endl;

    n = 2;
    cout << "Masukkan Nilai-Nilai Matrik A" << endl;
    for (i = 1; i <= n; i++)
    {
        for (j = 1; j <= n; j++)
        {
            cout << "A[" << i << ", " << j << "] = ";
            cin >> A[i][j];
        }
    }

    system("cls");
    cout << "Masukkan Nilai-Nilai Matrik B" << endl;
    for (i = 1; i <= n; i++)
    {
        for (j = 1; j <= n; j++)
        {
            cout << "B[" << i << ", " << j << "] = ";
            cin >> B[i][j];
        }
    }

    system("cls");
    cout << endl;
    for (i = 1; i <= n; i++)
    {
        for (j = 1; j <= n; j++)
        {
            C[i][j] = (A[i][1] * B[1][j]) + (A[i][2] * B[2][j]);
        }
    }

    cout << "Hasilnya adalah = " << endl;
```

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```
    for (j = 1; j <= n; j++)  
    {  
        cout << C[1][j] << " ";  
    }  
    cout << endl;  
    for (j = 1; j <= n; j++)  
    {  
        cout << C[2][j] << " ";  
    }  
}
```

