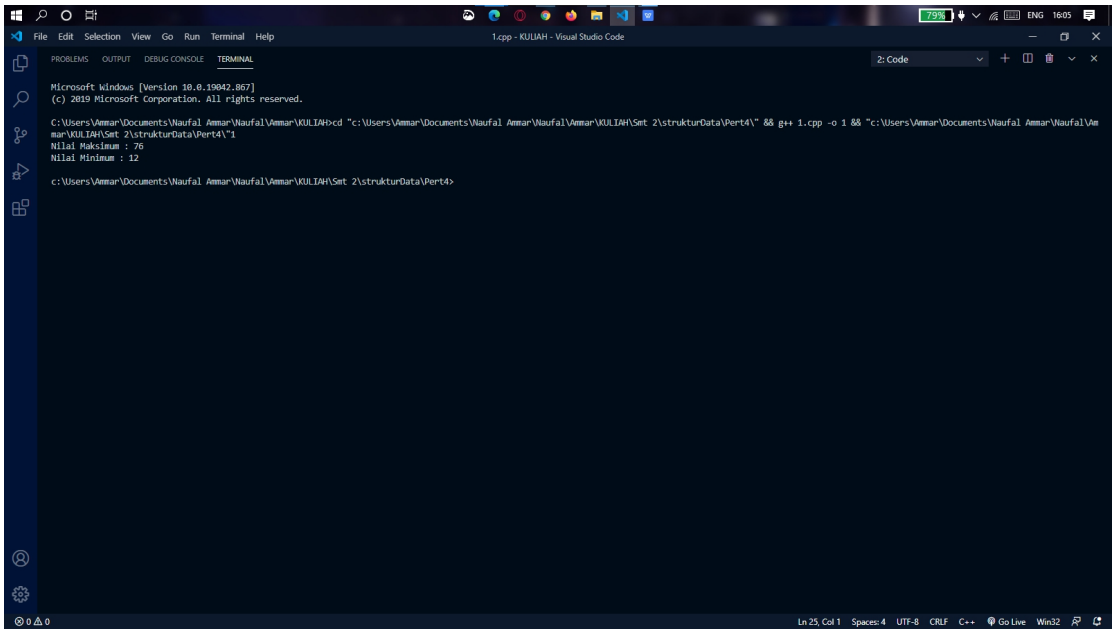
Naufal Ammar Hidayatulloh
2010631170104
2E Teknik Informatika

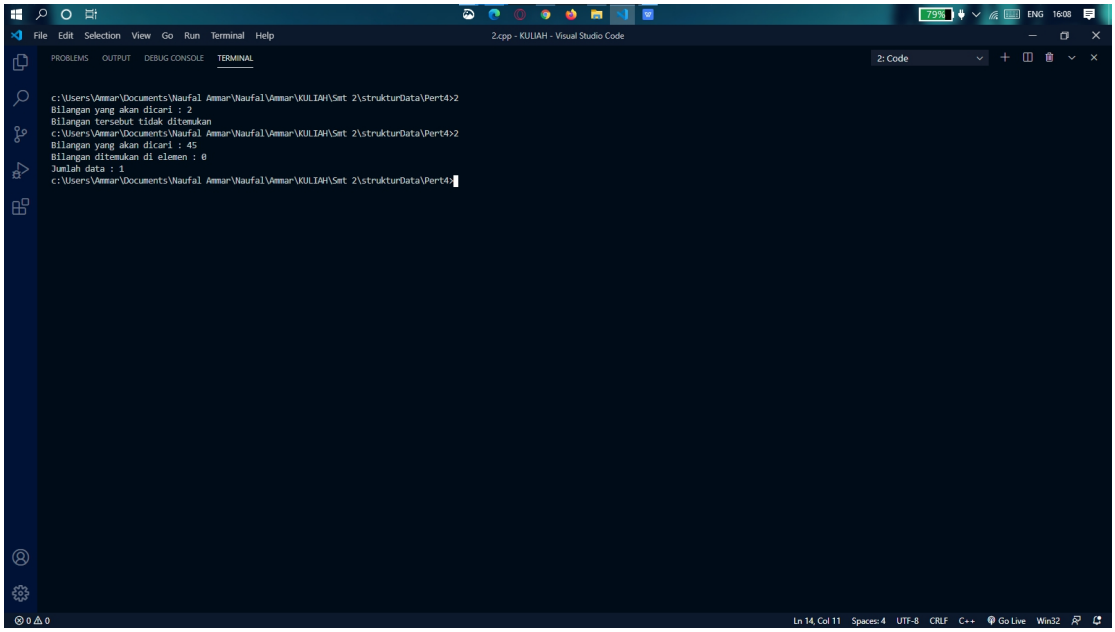
```cpp
#include <iostream>

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;
}
```



Naufal Ammar Hidayatulloh
2010631170104
2E Teknik Informatika

```cpp
#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;
        }
    }
}
```

Naufal Ammar Hidayatulloh
2010631170104
2E Teknik Informatika

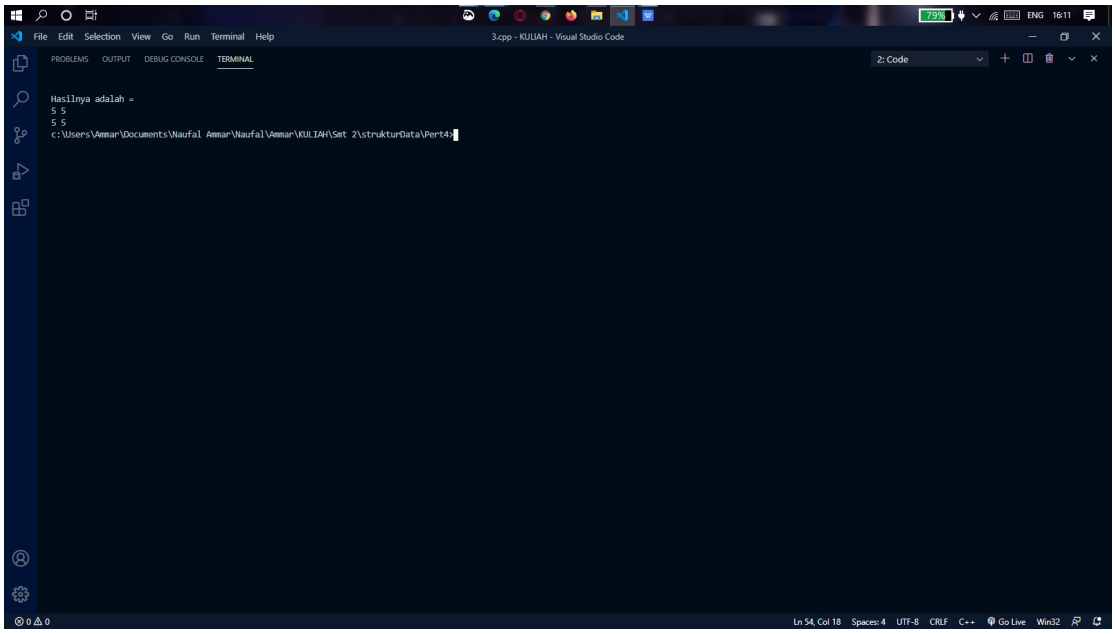


Naufal Ammar Hidayatulloh
2010631170104
2E Teknik Informatika

```cpp
#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 Penjumlaha 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;
```

Naufal Ammar Hidayatulloh
2010631170104
2E Teknik Informatika

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



Naufal Ammar Hidayatulloh
2010631170104
2E Teknik Informatika

```cpp
#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 Penjumlaha 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;
```

Naufal Ammar Hidayatulloh
2010631170104
2E Teknik Informatika

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