Naufal Ammar Hidayatulloh
2010631170104
2E
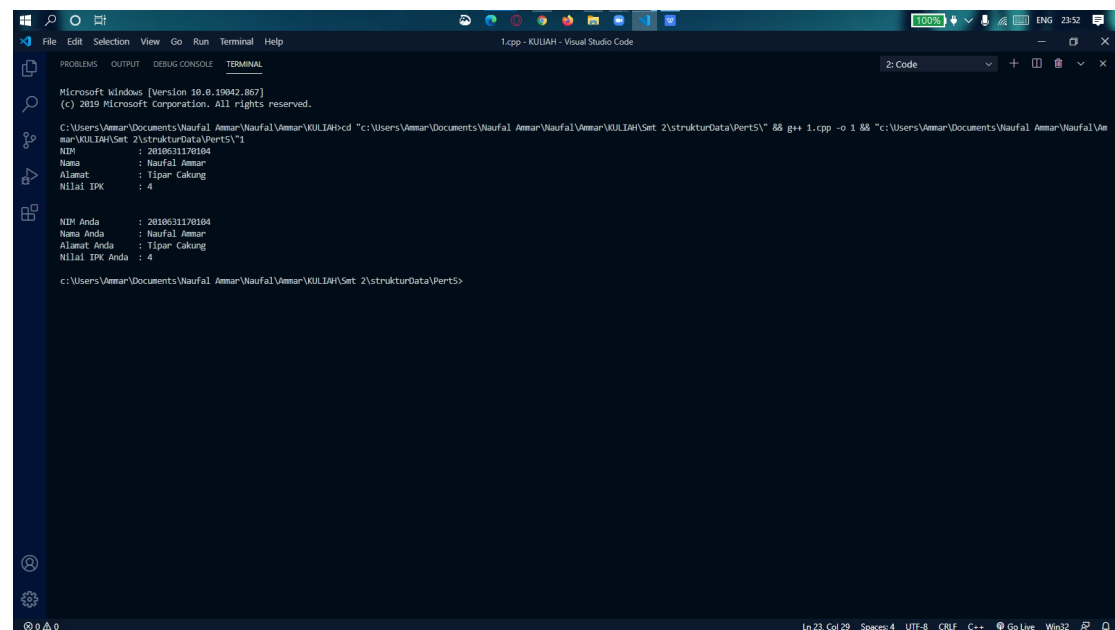
Contoh Modul

```cpp
#include <iostream>

using namespace std;
int main()
{
    struct mahasiswa
    {
        char nim[15];
        char nama[30];
        char alamat[50];
        float ipk;
    };
    mahasiswa mhs;
    cout << "NIM\t\t: ";
    cin.getline(mhs.nim, 15);
    cout << "Nama\t\t: ";
    cin.getline(mhs.nama, 30);
    cout << "Alamat\t\t: ";
    cin.getline(mhs.alamat, 50);
    cout << "Nilai IPK\t: ";
    cin >> mhs.ipk;
    cout << endl
         << endl;
    cout << "NIM Anda\t: " << mhs.nim << endl;
    cout << "Nama Anda\t: " << mhs.nama << endl;
    cout << "Alamat Anda\t: " << mhs.alamat << endl;
    cout << "Nilai IPK Anda\t: " << mhs.ipk << endl;
}
```

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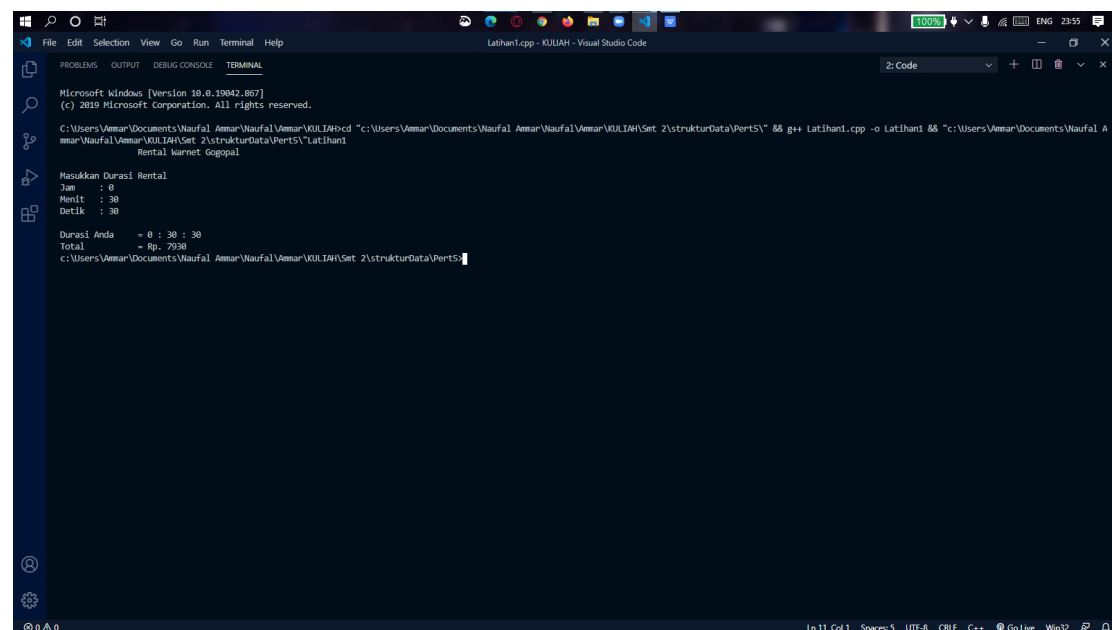2010631170104
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Latihan

```cpp
#include <iostream>

using namespace std;
int main()
{

    struct durasi
    {
        float jam, menit, detik;
    } rntl;
    cout << "\t\tRental Warnet Gogopal" << endl
        << endl;
    cout << "Masukkan Durasi Rental" << endl
        << "Jam\t: ";
    cin >> rntl.jam;
    cout << "Menit\t: ";
    cin >> rntl.menit;
    cout << "Detik\t: ";
    cin >> rntl.detik;
    cout << endl;
    float hour = (rntl.jam * 3600) / 30, minute = (rntl.menit * 60) / 3
0, second = rntl.detik / 30;
    cout << "Durasi Anda\t= " << rntl.jam << " : " << rntl.menit << " :
 " << rntl.detik << endl
        << "Total\t\t= Rp. " << (hour + minute + second) * 130;
}
```

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```cpp
#include <iostream>

using namespace std;
int main()
{
    struct mahasiswa
    {
        char nama[50];
        char npm[50];
    } mhsw;
    struct nilai
    {
        float tugas, kuis, mid, uas;
    } nlkh;
    cout << "Nama\t\t:";
    cin >> mhsw.nama;
    cout << "NPM\t\t:";
    cin >> mhsw.npm;
    cout << "Nilai tugas\t:";
    cin >> nlkh.tugas;
    cout << "Nilai kuis\t:";
    cin >> nlkh.kuis;
    cout << "Nilai UTS\t:";
    cin >> nlkh.mid;
    cout << "Nilai UAS\t:";
    cin >> nlkh.uas;
    float na = ((0.1 * nlkh.tugas) + (0.2 * nlkh.kuis) + (0.3 * nlkh.mid) + (0.4 * nlkh.uas));
    cout << endl
        << endl
        << "Nama\t\t: " << mhsw.nama << endl
        << "NPM\t\t: " << mhsw.npm << endl
        << "Nilai Akhir\t: " << na << endl;
    if (na >= 85)
    {
        cout << "Huruf Mutu\t: A" << endl;
    }
    else if (na >= 70 && na < 85)
    {
        cout << "Huruf Mutu\t: B" << endl;
    }
    else if (na >= 55 && na < 70)
    {
        cout << "Huruf Mutu\t: C" << endl;
    }
    else if (na >= 40 && na < 55)
    {
        cout << "Huruf Mutu\t: D" << endl;
```
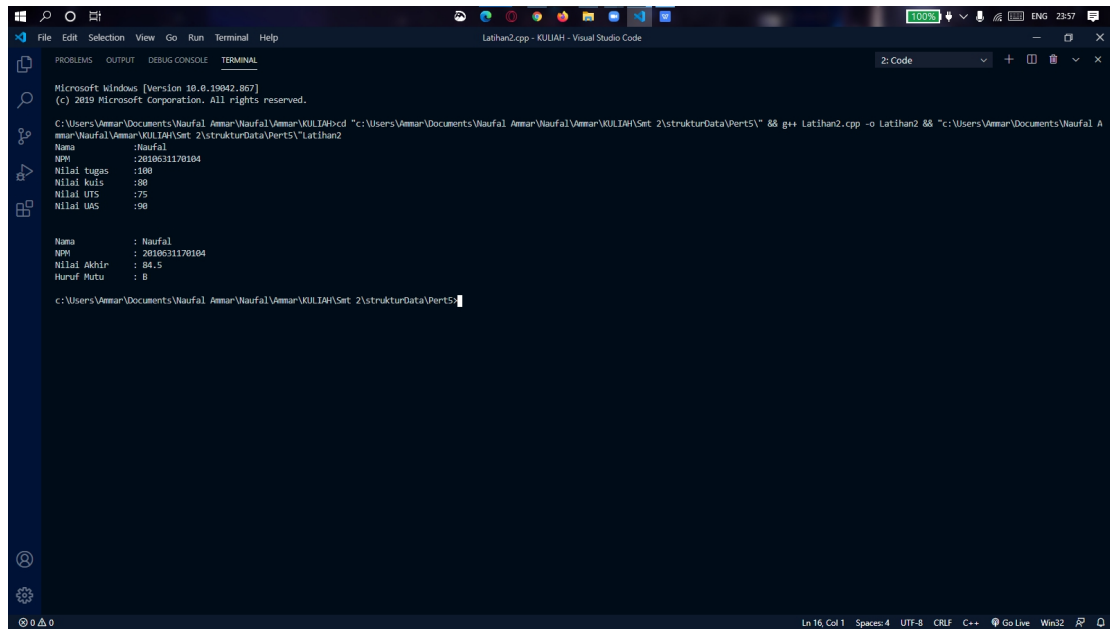
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2010631170104
2E

```cpp
    }
    else if (na < 40)
    {
        cout << "Huruf Mutu\t: E" << endl;
    }
}
```