

Naufal Ammar Hidayatulloh
2010631170104
2E Teknik Informatika

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File Edit Selection View Go Run Terminal Help 1.cpp - KULIAH - Visual Studio Code
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL 2: Code
Microsoft Windows [Version 10.0.19042.906]
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C:\Users\Ammar\Documents\Naufal Ammar\Naufal\Ammar\KULIAH>cd "c:\Users\Ammar\Documents\Naufal Ammar\W
aufal\Ammar\KULIAH\Smt 2\strukturData\UTS\Praktek\" && g++ 1.cpp -o 1 && "c:\Users\Ammar\Documents\Na
ufal Ammar\Naufal\Ammar\KULIAH\Smt 2\strukturData\UTS\Praktek\"1

E-Raport Siswa

Input Nama Siswa      : Naufal Ammar H
Input Nomor Induk     : 2010631170104
Input Kelas           : 2E-TI

Masukkan Nilai :

B.Inggris      : 80
B.Jepang       : 75
Matematika     : 90
B.Indonesia    : 80
AljabarLin     : 95
PengantarTI    : 60

Result :
Nama      : Naufal Ammar H
NIS       : 2010631170104
Kelas    : 2E-TI

No  MatKul      Nilai  Keterangan
1   B.Inggris   80     Baik
2   B.Jepang    75     Baik
3   Matematika  90     Sangat Baik
4   B.Indonesia 80     Baik
5   AljabarLin  95     Sangat Baik
6   PengantarTI 60     Kurang

Average -->> 80 (Baik)

c:\Users\Ammar\Documents\Naufal Ammar\Naufal\Ammar\KULIAH\Smt 2\strukturData\UTS\Praktek>
```

Source Code

```
// Naufal Ammar Hidayatulloh
// 2010631170104

#include <iostream>
#include <iomanip>

using namespace std;

int main()
{
    char nama[50], nis[50], kelas[50];
    string huruf;

    struct nilai
    {
        float nilai[6];
        string mk[6] = {"B.Inggris", "B.Jepang", "Matematika", "B.Indonesia", "AljabarLin", "PengantarTI"};
    } score;

    cout << "\nE-Raport Siswa\n\nInput Nama Siswa\t: ";
    cin.getline(nama, 50);
    cout << "Input Nomor Induk\t: ";
    cin >> nis;
    cout << "Input Kelas\t\t: ";
    cin >> kelas;

    cout << endl
         << "Masukkan Nilai : \n"
         << endl;

    for (int i = 0; i < 6; i++)
    {
        cout << score.mk[i] << "\t: ";
        cin >> score.nilai[i];
    }

    cout << "\nResult : "
         << endl;
    cout << "Nama\t: " << nama << endl
         << "NIS\t: " << nis << endl
         << "Kelas\t: " << kelas << endl
         << endl;

    cout << setiosflags(ios::left) << setw(4) << "No";
    cout << setiosflags(ios::left) << setw(20) << "MatKul";
    cout << setiosflags(ios::left) << setw(10) << "Nilai";
```

```
cout << setiosflags(ios::left) << setw(20) << "Keterangan" << endl;
for (int i = 0; i < 6; i++)
{
    cout << setiosflags(ios::left) << setw(4) << i + 1;
    cout << setiosflags(ios::left) << setw(20) << score.mk[i];
    cout << setiosflags(ios::left) << setw(10) << score.nilai[i];
    if (score.nilai[i] >= 85 && score.nilai[i] <= 100)
    {
        cout << setiosflags(ios::left) << setw(20) << "Sangat Baik" << endl;
    }
    else if (score.nilai[i] >= 65 && score.nilai[i] <= 84)
    {
        cout << setiosflags(ios::left) << setw(20) << "Baik" << endl;
    }
    else if (score.nilai[i] <= 64)
    {
        cout << setiosflags(ios::left) << setw(20) << "Kurang" << endl;
    }
}

float jumlah = 0;
for (int i = 0; i < 6; i++)
{
    jumlah += score.nilai[i];
}

float avr = jumlah / 6;

if (avr >= 85 && avr <= 100)
{
    huruf = "Sangat Baik";
}
if (avr >= 65 && avr <= 84)
{
    huruf = "Baik";
}
if (avr <= 64)
{
    huruf = "Kurang";
}

cout << "\n\nAverage -->> " << avr << " (" << huruf << ")" << endl;
}
```