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Link: <https://github.com/phoerindra99/Strukturdataa>

```
#include <iostream>
```

```
#include <stdio.h>
```

```
using namespace std;
```

```
    struct fullname
```

```
    { //struct untuk nama lengkap, semua tipe data di dalamnya adalah string
```

```
        string namalengkap;
```

```
    };
```

```
struct siswa { //struct yang memuat lebih dari satu tipe data
```

```
    fullname nama;
```

```
    string nim;
```

```
    int TH1;
```

```
    int TH2;
```

```
    int TH3;
```

```
    char jeniskelamin;
```

```
};
```

```
siswa UTY[30]; //indeks untuk UTY
```

```
int main ()
```

```
{
```

```
    char jurusan[30];
```

```
    int n,i;
```

```
    int rata;
```

```
    cout<<"MASUKAN JUMLAH DATA : ";
```

```
cin>>n;

cout<<endl;

cout<<"=====\\n";

cout<<"DATA NILAI MAHASISWA : "<<endl;
```

```
for (i=1; i<=n; i++)
```

```
{
```

```
cout<<"Siswa UTY ke "<<i<<endl;
```

```
cout<<"Masukkan NIM :";
```

```
cin>>UTY[i].nim;
```

```
cout<<"Nama Lengkap :";
```

```
cin>>UTY[i].nama.namalengkap;
```

```
cout<<"Jenis Kelamin(L/P) :";
```

```
cin>>UTY[i].jeniskelamin;
```

```
cout<<"Jurusan :";
```

```
cin>>jurusan;
```

```
cout<<"Masukkan Tugas Harian 1 :";
```

```
cin>>UTY[i].TH1;
```

```
cout<<"Masukkan Tugas Harian 2 :";
```

```
cin>>UTY[i].TH2;
```

```
cout<<"Masukkan Tugas Harian 3 :";
```

```
cin>>UTY[i].TH3;
```

```
rata=(UTY[i].TH1+UTY[i].TH2+UTY[i].TH3)/3;
```

```
}
```

```
//menampilkan hasil input
```

```
for (i=1; i<=n; i++) {
```

```
    cout<<endl<<endl<<"Mahasiswa UTY ke "<<i<<endl;
```

```
    cout<<"NIM          : "<<UTY[i].nim<<endl;
```

```
    cout<<"Nama Lengkap  : "<<UTY[i].nama.namalengkap<<endl;
```

```
    cout<<"Jenis Kelamin  : "<<UTY[i].jeniskelamin<<endl;
```

```
    cout<<"Jurusan       : "<<jurusan<<endl;
```

```
    cout<<"Tugas Harian 1  : "<<UTY[i].TH1<<endl;
```

```
    cout<<"Tugas Harian 2  : "<<UTY[i].TH2<<endl;
```

```
    cout<<"Tugas Harian 3  : "<<UTY[i].TH3<<endl;
```

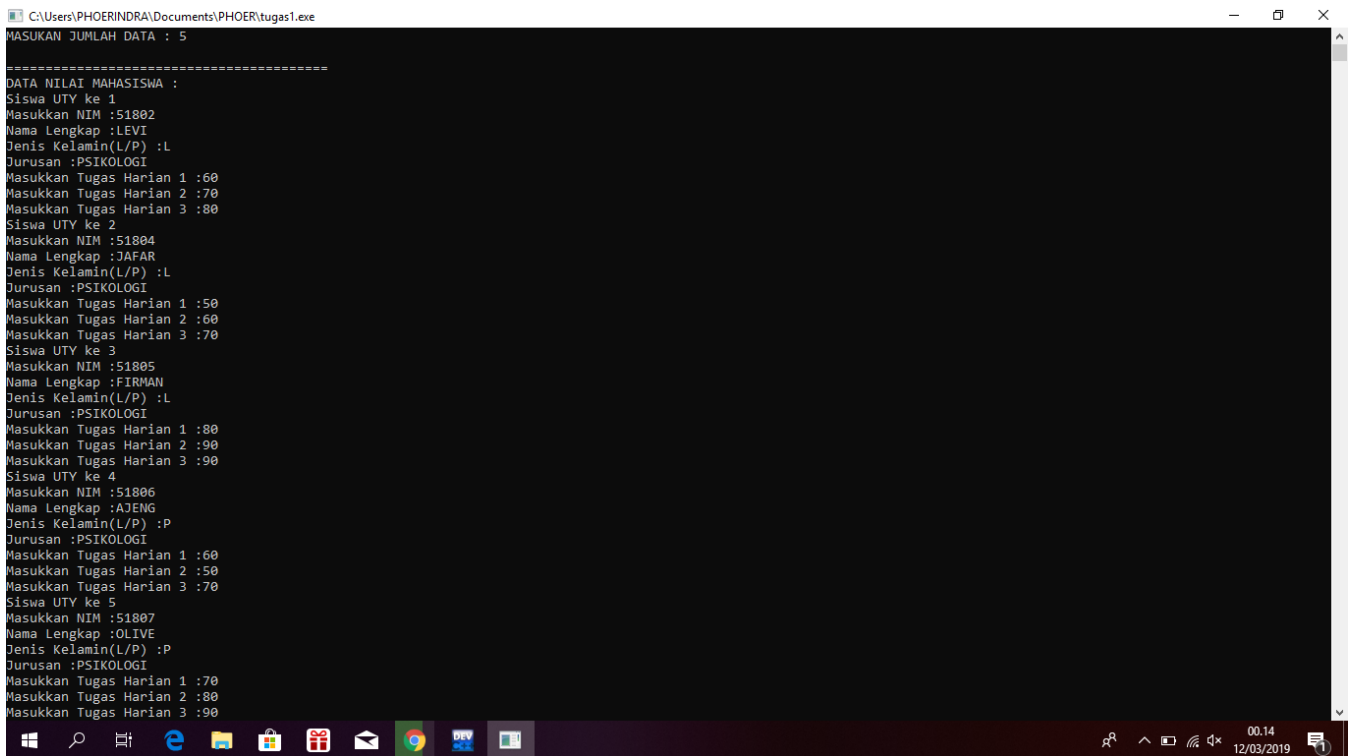
```
    cout<<"Rata-rata      : "<<rata<<endl;
```

```
}
```

```
system("pause");
```

```
return 0;
```

```
}
```



```
C:\Users\PHOERINDRA\Documents\PHOER\tugas1.exe
MASUKAN JUMLAH DATA : 5
=====
DATA NILAI MAHASISWA :
Siswa UTY ke 1
Masukkan NIM :51802
Nama Lengkap :LEVI
Jenis Kelamin(L/P) :L
Jurusan :PSIKOLOGI
Masukkan Tugas Harian 1 :60
Masukkan Tugas Harian 2 :70
Masukkan Tugas Harian 3 :80
Siswa UTY ke 2
Masukkan NIM :51804
Nama Lengkap :JAFAR
Jenis Kelamin(L/P) :L
Jurusan :PSIKOLOGI
Masukkan Tugas Harian 1 :50
Masukkan Tugas Harian 2 :60
Masukkan Tugas Harian 3 :70
Siswa UTY ke 3
Masukkan NIM :51805
Nama Lengkap :FIRMAN
Jenis Kelamin(L/P) :L
Jurusan :PSIKOLOGI
Masukkan Tugas Harian 1 :80
Masukkan Tugas Harian 2 :90
Masukkan Tugas Harian 3 :90
Siswa UTY ke 4
Masukkan NIM :51806
Nama Lengkap :AJENG
Jenis Kelamin(L/P) :P
Jurusan :PSIKOLOGI
Masukkan Tugas Harian 1 :60
Masukkan Tugas Harian 2 :50
Masukkan Tugas Harian 3 :70
Siswa UTY ke 5
Masukkan NIM :51807
Nama Lengkap :OLIVE
Jenis Kelamin(L/P) :P
Jurusan :PSIKOLOGI
Masukkan Tugas Harian 1 :70
Masukkan Tugas Harian 2 :80
Masukkan Tugas Harian 3 :90
```