

Pertemuan 14

OOP Class, Array, Fungsi, Structure (bag. 2)

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Pokok Bahasan

1. Latihan Penggabungan

Struct Array

```
#include<stdio.h>
#include<conio.h>
#include<iostream.h>
#include<iomanip.h>

main()
{
int i,j;
const upah=40000;
char bulan[25],lagi;
float total_jam,total_lem;

struct
{
char nik[9],nama[25];
int jml_jam;
float upah_lem,total_gaji;
}
pegawai[5];
```

Struct Array

```
awal:
clrscr();
cout<<"masukkan jumlah data :";cin>>j;
for (i=1;i<=j;i++)
{

clrscr();
cout<<"data pegawai ke- :"<<i<<endl;
cout<<"NIK karyawan :";cin>>pegawai[i].nik;
cout<<"Nama karyawan :";gets(pegawai[i].nama);
cout<<"jumlah jam lembur :";cin>>pegawai[i].jml_jam;
cout<<endl;
}
clrscr();
cout<<" DAFTAR LEMBUR KARYAWAN "<<endl;
cout<<endl;
cout<<"Bulan = ";cin>>bulan;
```

Struct Array

```
cout<<"===== "<<endl;
cout<<"No.  NIK          Nama          Upah          Jumlah          Total          Gaji
" <<endl;
cout<<"          Lembur          Jam          Lembur
" <<endl;
cout<<"===== "<<endl;
for (i=1;i<=j;i++)
{
cout<<setiosflags(ios::left)<<setw(5)<<i;
cout<<setiosflags(ios::left)<<setw(9)<<pegawai[i].nik;
cout<<setiosflags(ios::left)<<setw(10)<<pegawai[i].nama;
cout<<setiosflags(ios::left)<<setw(13)<<upah;
cout<<setiosflags(ios::left)<<setw(13)<<setprecision(2)<<pegawai[i].jml_jam;

pegawai[i].total_gaji=pegawai[i].jml_jam*upah;

cout<<setiosflags(ios::left)<<setw(13)<<setprecision(8)<<pegawai[i].total_gaji<<endl;
total_jam=total_jam+pegawai[i].jml_jam;
```

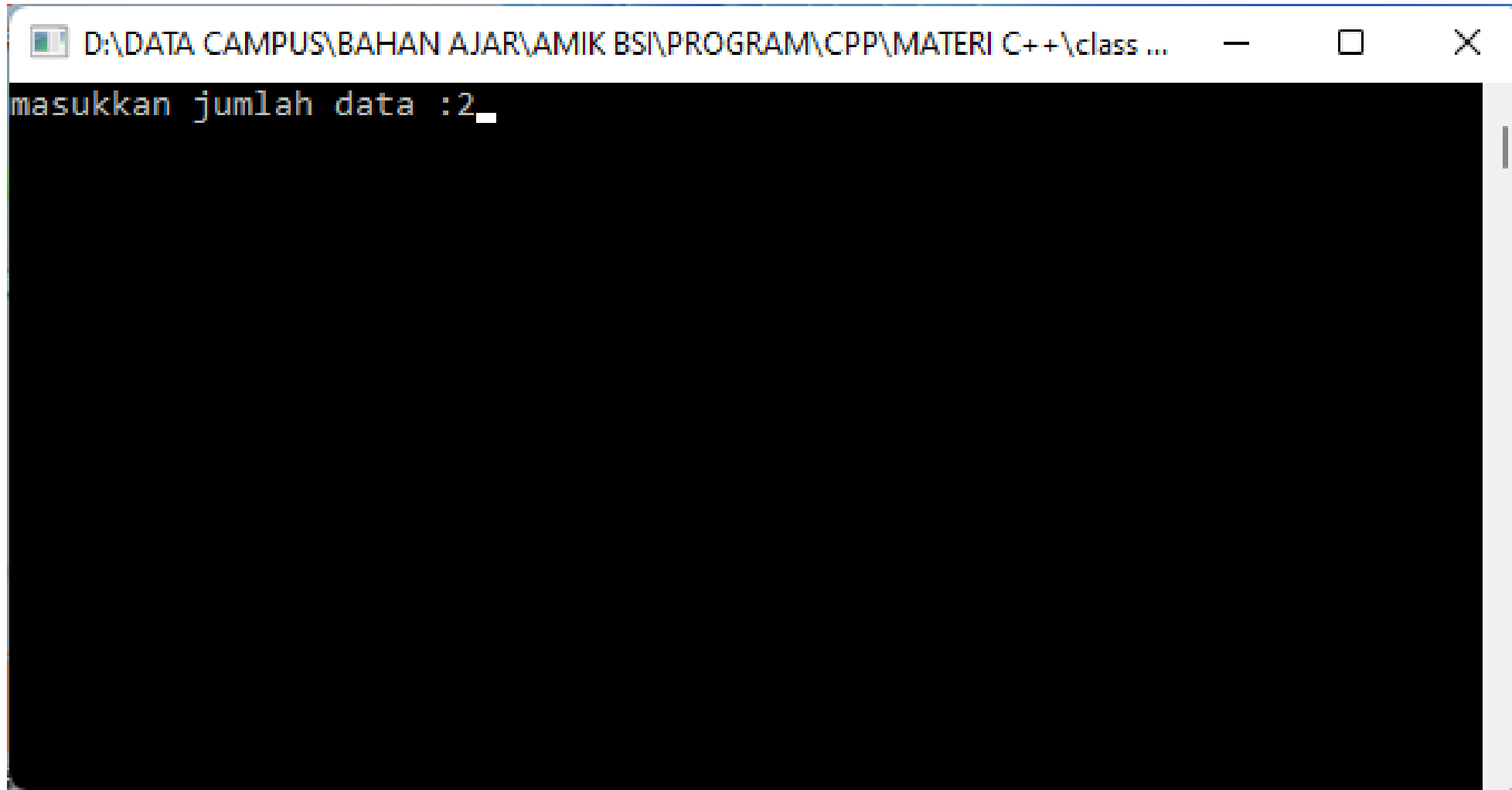
Struct Array

```
total_lem=total_lem+pegawai[i].total_gaji;
}

cout<<"===== "<<endl;
cout<< "total upah/lembur : "<<total_jam<<" "<<"RP."<<total_lem<<endl;
cout<<endl;

cout<<"Mau tambah lagi ? [Y/T] :";cin>>lagi;
if (lagi=='Y' || lagi=='y')
goto awal;
else
goto akhir;
akhir:
getch();
}
```

Tampilan Program 1



The screenshot shows a Windows-style application window with a title bar containing the file path: D:\DATA CAMPUS\BAHAN AJAR\AMIK BSI\PROGRAM\CPP\MATERI C++\class The window has standard minimize, maximize, and close buttons. The main content area has a black background with green text. The text 'masukkan jumlah data :2_' is displayed, with a white cursor at the end of the line.

```
masukkan jumlah data :2_
```

Tampilan Program 2

```
D:\DATA CAMPUS\BAHAN AJAR\AMIK BSI\PROGRAM\CPP\MATERI C++\class ...  
data pegawai ke- :1  
NIK karyawan :12345  
Nama karyawan :Lukman  
jumlah jam lembur :2
```


Tampilan Program 3

```
D:\DATA CAMPUS\BAHAN AJAR\AMIK BSI\PROGRAM\CPP\MATERI C++\class ...  
DAFTAR LEMBUR KARYAWAN  
Bulan = Januari_
```

Tampilan Program 4

```
D:\DATA CAMPUS\BAHAN AJAR\AMIK BSI\PROGRAM\CPP\MATERI C++\class ...
DAFTAR LEMBUR KARYAWAN

Bulan = Januari
=====
No. NIK      Nama      Upah      Jumlah      Total      Gaji
           Lembur      Jam      Lembur
=====
1    12345    Lukman    40000      2          80000
2    54321    Hakim     40000      2          80000
=====
total upah/lembur : 4 RP.160000

Mau tambah lagi ? [Y/T] : _
```

THANK FOR ATTENTION

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