

Regina Sari Wahyuni
2013470241

```
#include<iostream>
```

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

```
#include<conio.h>
```

```
using namespace std;
```

```
class Pegawai
```

```
{
```

```
    protected :
```

```
    char NIP[10], Nama[30];
```

```
    public :
```

```
    void Masuk_Data()
```

```
    {
```

```
        cout<<"Masukkan Nomor Induk Pegawai : "; cin>>NIP;
```

```
        cout<<"Masukkan Nama Pegawai          : "; cin>>Nama;
```

```
    }
```

```
    void Tampil_Data()
```

```
    {
```

```
        cout<<"===== "<<endl;
```

```
        cout<<"Nomor Induk Pegawai          : "<<NIP<<endl;
```

```
        cout<<"Nama Pegawai                  : "<<Nama<<endl;
```

```
    }
```

```
};
```

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class Manager : public Pegawai

{

protected :

char Titel[20], Telpon[20];

public :

void Masuk_Data()

{

Pegawai :: Masuk_Data();

cout<<"Masukkan Titel dari Manager : "; cin>>Titel;

cout<<"Masukkan No. Telpon : "; cin>>Telpon;

}

void Tampil_Data()

{

Pegawai :: Tampil_Data();

cout<<"Titel dari Manager : "<<Titel<<endl;

cout<<"No Telpon Manager : "<<Telpon<<endl;

}

};

int main ()

{

Manager P1;

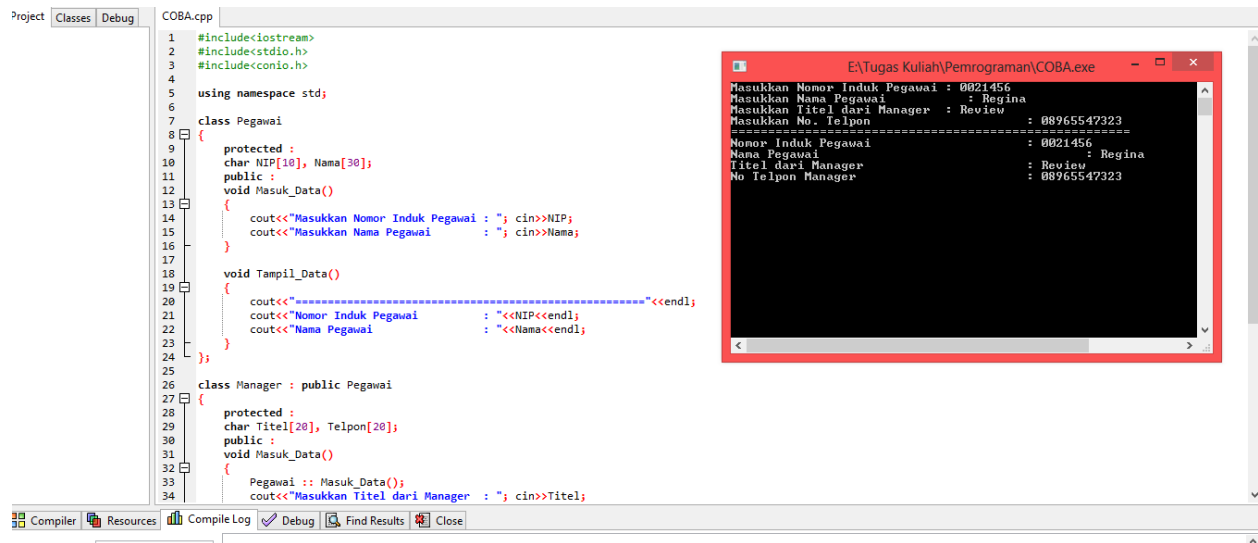
P1.Masuk_Data();

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P1.Tampil_Data();

getch();

}



#include<iostream>

#include<conio.h>

#include<stdlib.h>

using namespace std;

class Mahasiswa

{

private : char NIM[11], Nama[40];

public:

void Masuk_Mhs()

{

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

cout<<"Masukkan Nama :";cin>>Nama;

}

void Tampil_Mhs()

{

cout<<"NIM="<<NIM <<endl;

cout<<"Nama="<<Nama <<endl;

}

};

class Mata_Kuliah : public Mahasiswa{

protected: char Kd_Kuliah[6],Nm_MataKuliah[30];

public:

void Masuk_Kuliah(){

cout<<"Masukkan Kode Kuliah:";cin>>Kd_Kuliah;

cout<<"Masukkan Nama Mata Kuliah:";cin>>Nm_MataKuliah;

}

void Tampil_Kuliah()

{

cout<<"====="<<endl;

cout<<"Masukkan Kode Kuliah:"<<Kd_Kuliah<<endl;

cout<<"Nama Mata Kuliah:"<<Nm_MataKuliah<<endl;

}

};

main(){

Mata_Kuliah M1;
```

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M1.Masuk_Mhs();

M1.Masuk_Kuliah();

M1.Tampil_Mhs();

getch();

}

The screenshot shows a C++ IDE with a file named 'single inheritance.cpp'. The code defines two classes: 'Mahasiswa' and 'Mata_Kuliah'. 'Mahasiswa' has private attributes 'NIM' and 'Nama', and public methods 'Masuk_Mhs()' and 'Tampil_Mhs()'. 'Mata_Kuliah' inherits from 'Mahasiswa' and adds a private attribute 'Kd_Kuliah' and a public method 'Masuk_Kuliah()'. The 'main()' function creates an object 'M1' of type 'Mata_Kuliah' and calls 'M1.Masuk_Mhs()' and 'M1.Masuk_Kuliah()'. The output window shows the following text:

```
Masukkan NIM :2013470241
Masukkan Nama :Regina
Masukkan Kode Kuliah:023
Masukkan Nama Mata Kuliah:ap1
NIM=2013470241
Nama=Regina
Masukkan Kode Kuliah:023
Nama Mata Kuliah:ap1
```