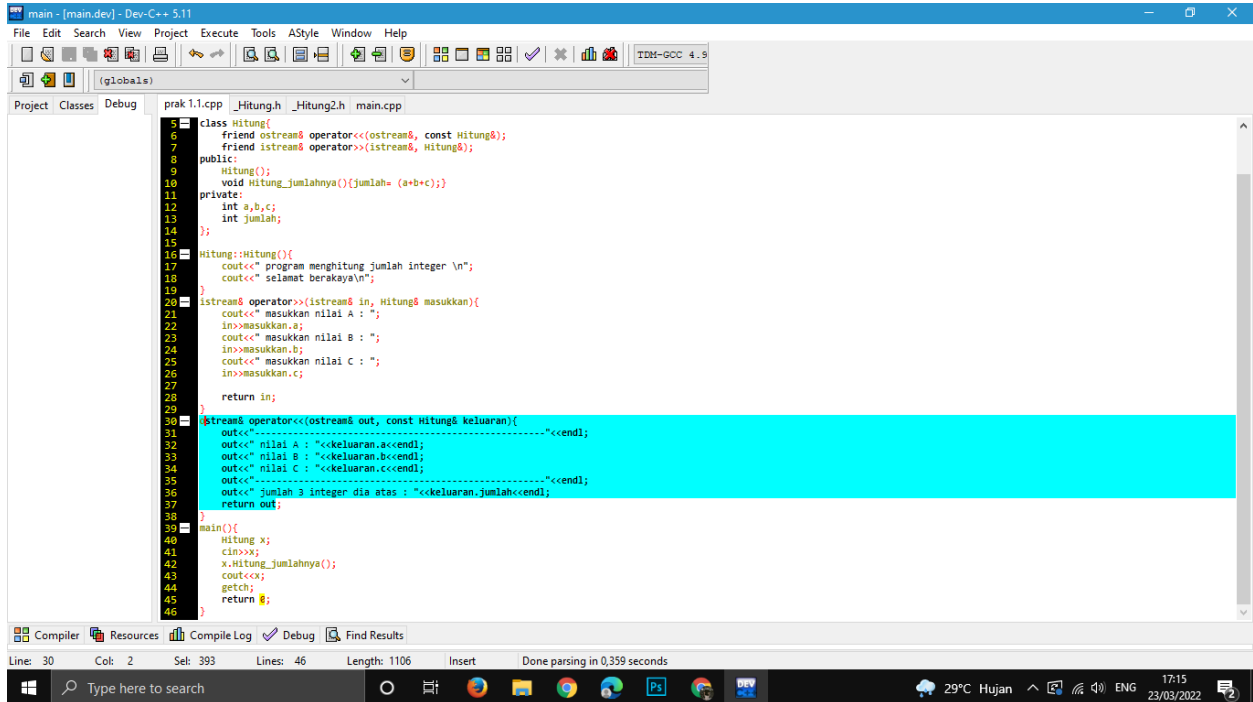


NAMA : YOGA ADITYA MAHARDIKA

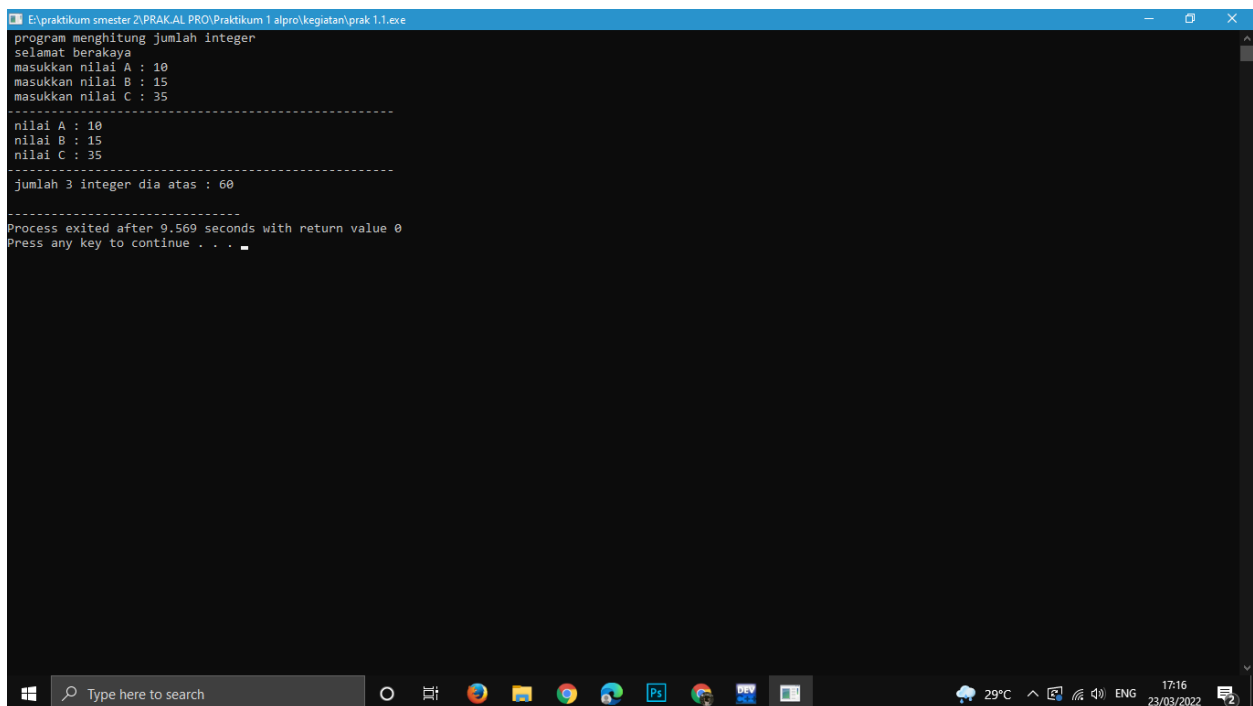
NIM : 2100018196

HASIL RUNING PROGRAM DAN SCREEN SHOOT

Kegiatan 1.1



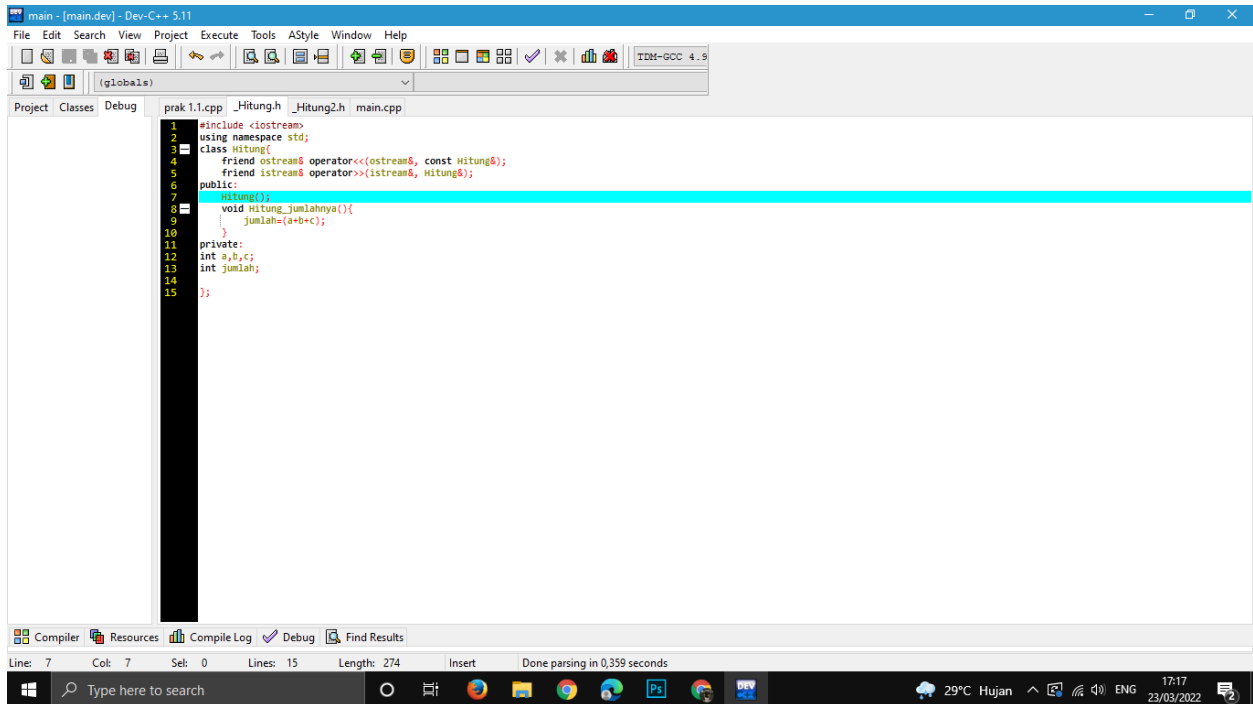
```
main - [main.dev] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
(globals)
Project Classes Debug
prak 1.1.cpp _Hitung.h _Hitung2.h main.cpp
5 class Hitung{
6     friend ostream& operator<<(ostream&, const Hitung&);
7     friend istream& operator>>(istream&, Hitung&);
8 public:
9     Hitung();
10    void Hitung_jumlahnya(){jumlah= (a+b+c);}
11 private:
12    int a,b,c;
13    int jumlah;
14 };
15
16 Hitung::Hitung(){
17     cout<<" program menghitung jumlah integer \n";
18     cout<<" selamat berakaya\n";
19 }
20 istream& operator>>(istream& in, Hitung& masukan){
21     cout<<" masukkan nilai A : ";
22     in>>masukan.a;
23     cout<<" masukkan nilai B : ";
24     in>>masukan.b;
25     cout<<" masukkan nilai C : ";
26     in>>masukan.c;
27
28     return in;
29 }
30 ostream& operator<<(ostream& out, const Hitung& keluaran){
31     out<<"-----"<<endl;
32     out<<" nilai A : "<<keluaran.a<<endl;
33     out<<" nilai B : "<<keluaran.b<<endl;
34     out<<" nilai C : "<<keluaran.c<<endl;
35     out<<"-----"<<endl;
36     out<<" jumlah 3 integer dia atas : "<<keluaran.jumlah<<endl;
37     return out;
38 }
39
40 main(){
41     Hitung x;
42     cin>>x;
43     x.Hitung_jumlahnya();
44     cout<<x;
45     getch();
46     return 0;
47 }
```



```
Expraktikum smester 2\PRAKAL PRO\Praktikum 1 alpro\kegiatan\prak 1.1.exe
program menghitung jumlah integer
selamat berakaya
masukkan nilai A : 10
masukkan nilai B : 15
masukkan nilai C : 35
-----
nilai A : 10
nilai B : 15
nilai C : 35
-----
jumlah 3 integer dia atas : 60
-----
Process exited after 9.569 seconds with return value 0
Press any key to continue . . .
```

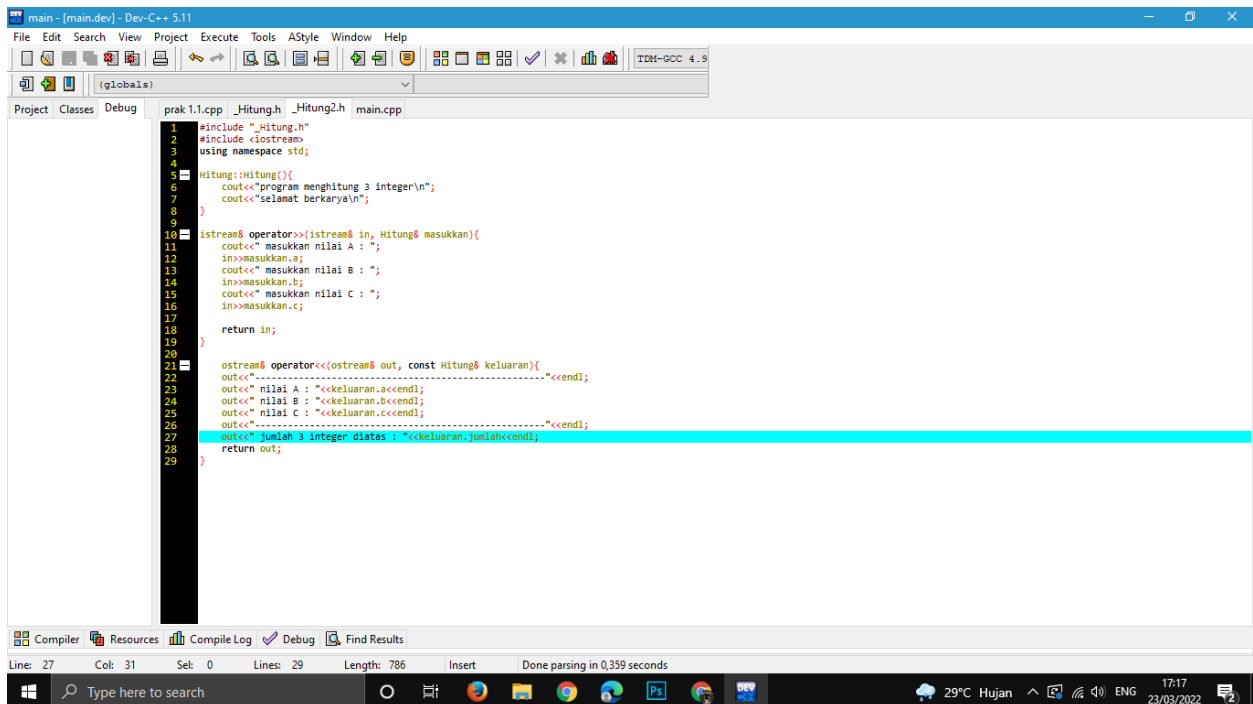
Kegiatan 1.2 dengan pemisahan function dan class dan di panggil di main.cpp

_Hitung.h



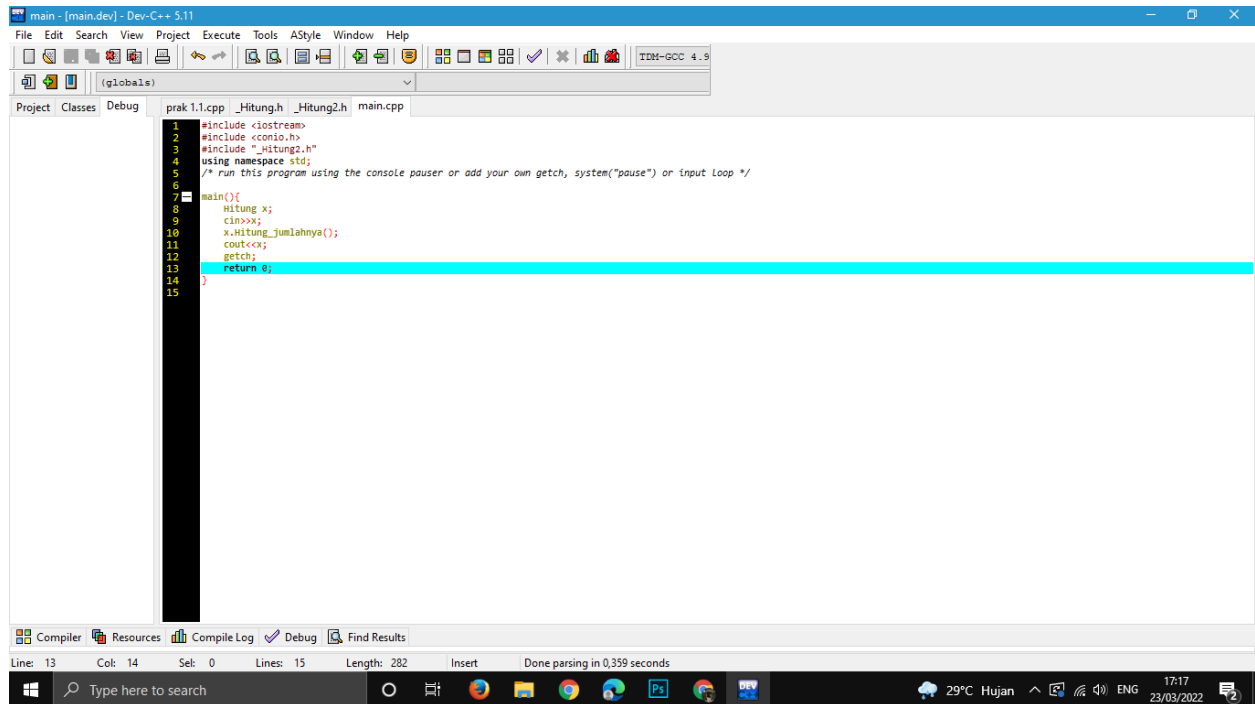
```
1 #include <iostream>
2 using namespace std;
3 class Hitung{
4     friend ostream& operator<<(ostream&, const Hitung&);
5     friend istream& operator>>(istream&, Hitung&);
6 public:
7     Hitung();
8     void Hitung_jumlahnya(){
9         jumlah=(a+b+c);
10    }
11 private:
12     int a,b,c;
13     int jumlah;
14 };
15
```

_Hitung2.h



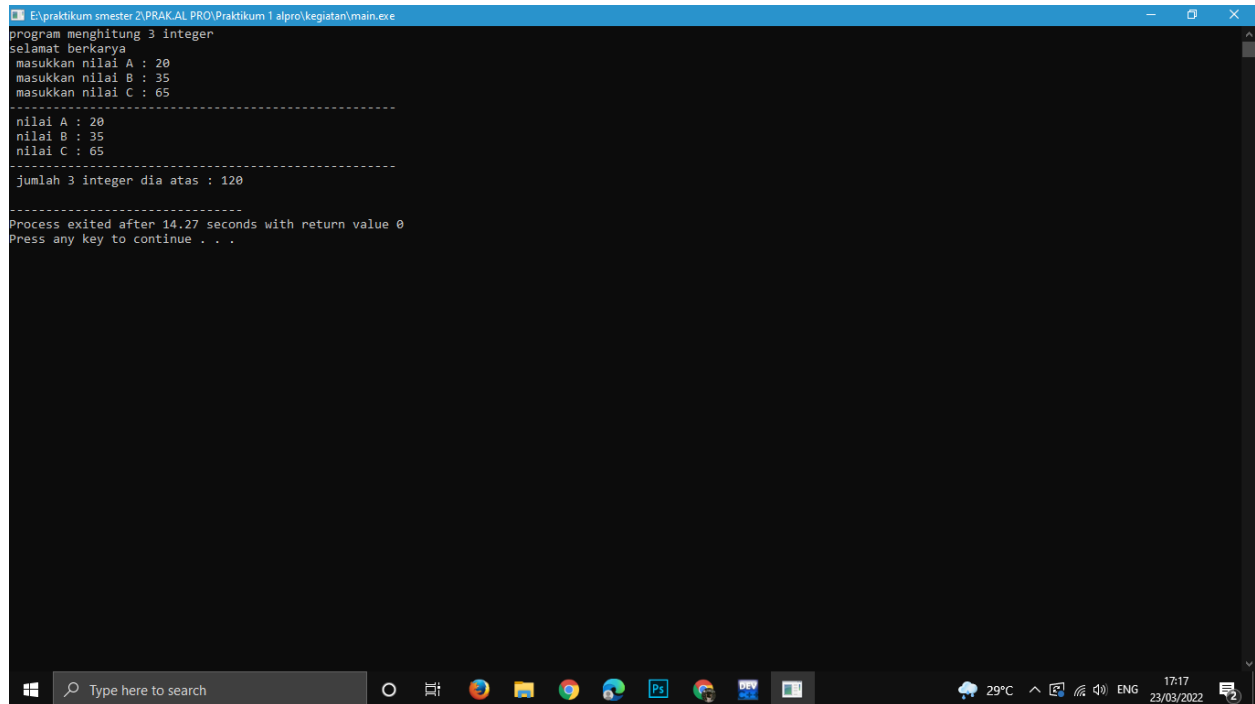
```
1 #include "_Hitung.h"
2 #include <iostream>
3 using namespace std;
4 Hitung::Hitung(){
5     cout<<"program menghitung 3 integer\n";
6     cout<<"selamat berkarya\n";
7 }
8
9 istream& operator>>(istream& in, Hitung& masukan){
10     cout<<"masukkan nilai A : ";
11     in>>masukan.a;
12     cout<<"masukkan nilai B : ";
13     in>>masukan.b;
14     cout<<"masukkan nilai C : ";
15     in>>masukan.c;
16     return in;
17 }
18
19 ostream& operator<<(ostream& out, const Hitung& keluaran){
20     out<<".....<<endl;
21     out<<" nilai A : "<<keluaran.a<<endl;
22     out<<" nilai B : "<<keluaran.b<<endl;
23     out<<" nilai C : "<<keluaran.c<<endl;
24     out<<".....<<endl;
25     out<<" jumlah 3 integer diatas : "<<keluaran.jumlah<<endl;
26     return out;
27 }
28
29
```

Main .cpp



```
1 #include <iostream>
2 #include <conio.h>
3 #include "_hitung2.h"
4 using namespace std;
5 /* run this program using the console pauser or add your own getch, system("pause") or input loop */
6
7 int main()
8 {
9     Hitung x;
10    cin>>x;
11    x.Hitung_jumlahnya();
12    cout<<x;
13    getch();
14    return 0;
15 }
```

Hasil Running 2 header di dalam main.cpp



```
E:\praktikum smester 2\PRAKAL PRO\Praktikum 1 alpro\kegiatan\main.exe
program menghitung 3 integer
selamat berkarya
masukkan nilai A : 20
masukkan nilai B : 35
masukkan nilai C : 65

-----
nilai A : 20
nilai B : 35
nilai C : 65
-----
jumlah 3 integer dia atas : 120

-----
Process exited after 14.27 seconds with return value 0
Press any key to continue . . .
```