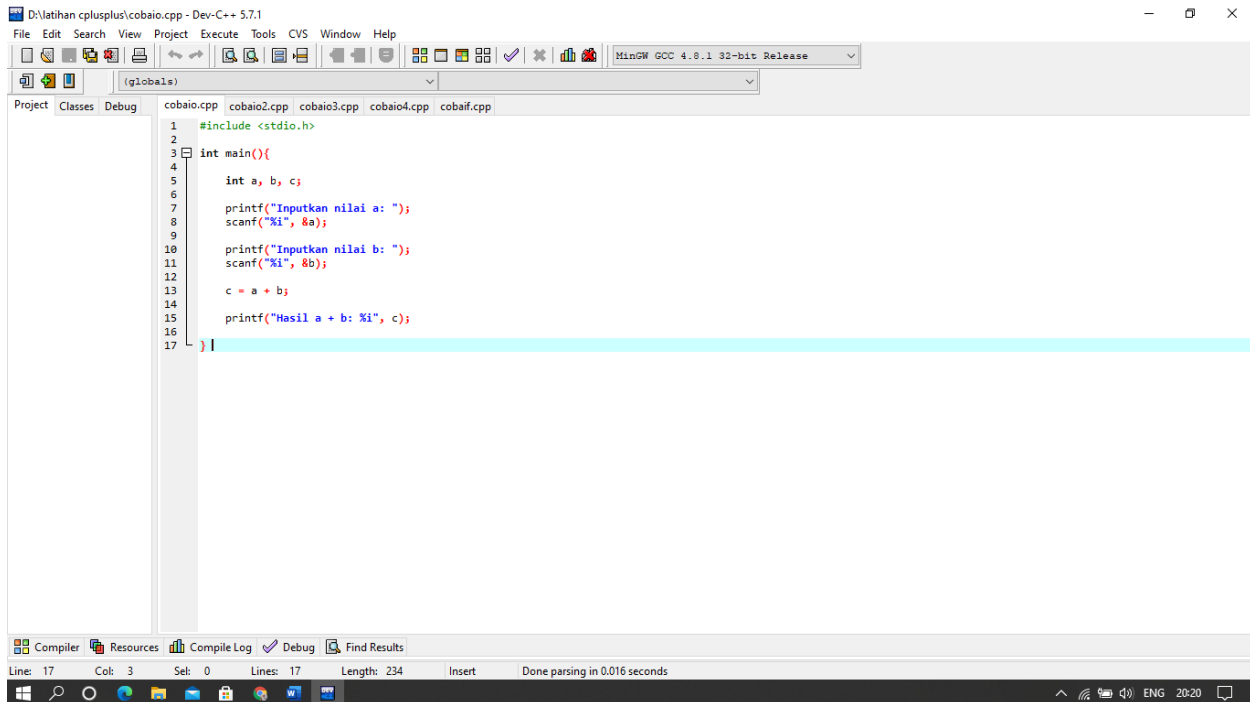


Program I/O pada struktur runtunan dan percabangan

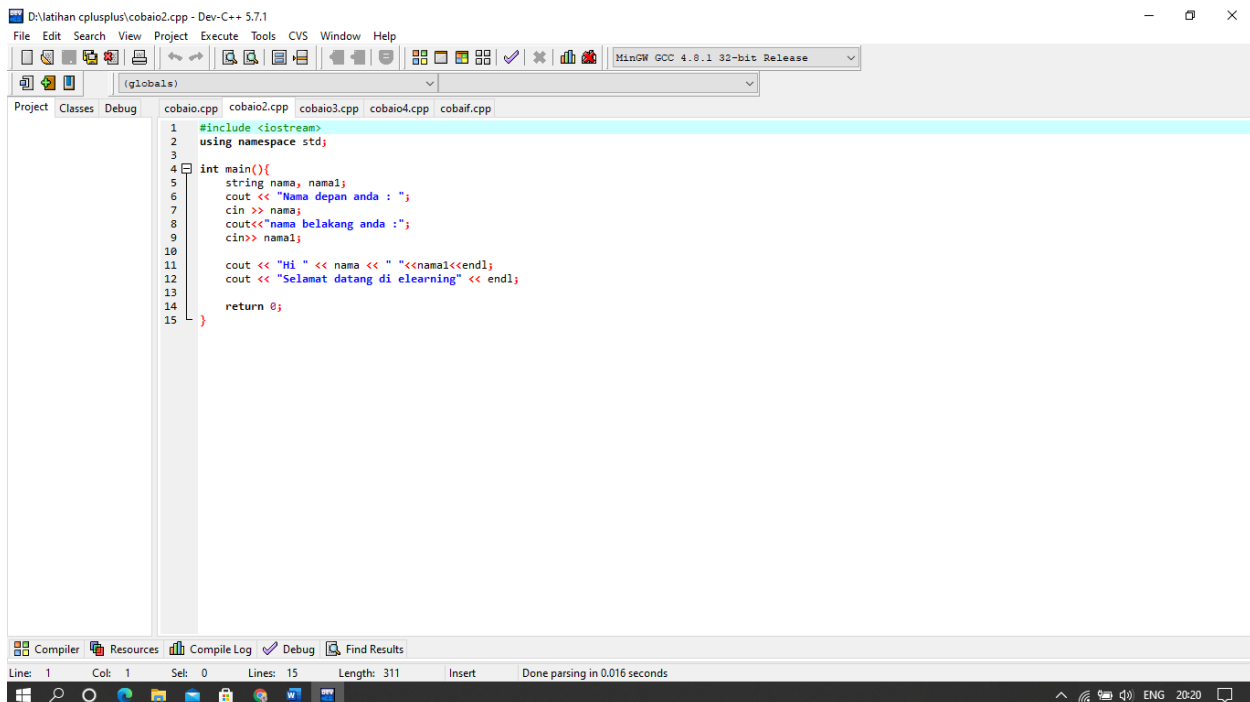
ke – 1 (runtunan, menggunakan stdio)



The screenshot shows the Dev-C++ IDE with a C++ program named 'cobaio1.cpp'. The code uses the `stdio.h` library for input and output. It prompts the user to enter two integers, 'a' and 'b', and then prints their sum.

```
1 #include <stdio.h>
2
3 int main(){
4
5     int a, b, c;
6
7     printf("Inputkan nilai a: ");
8     scanf("%i", &a);
9
10    printf("Inputkan nilai b: ");
11    scanf("%i", &b);
12
13    c = a + b;
14
15    printf("Hasil a + b: %i", c);
16
17 }
```

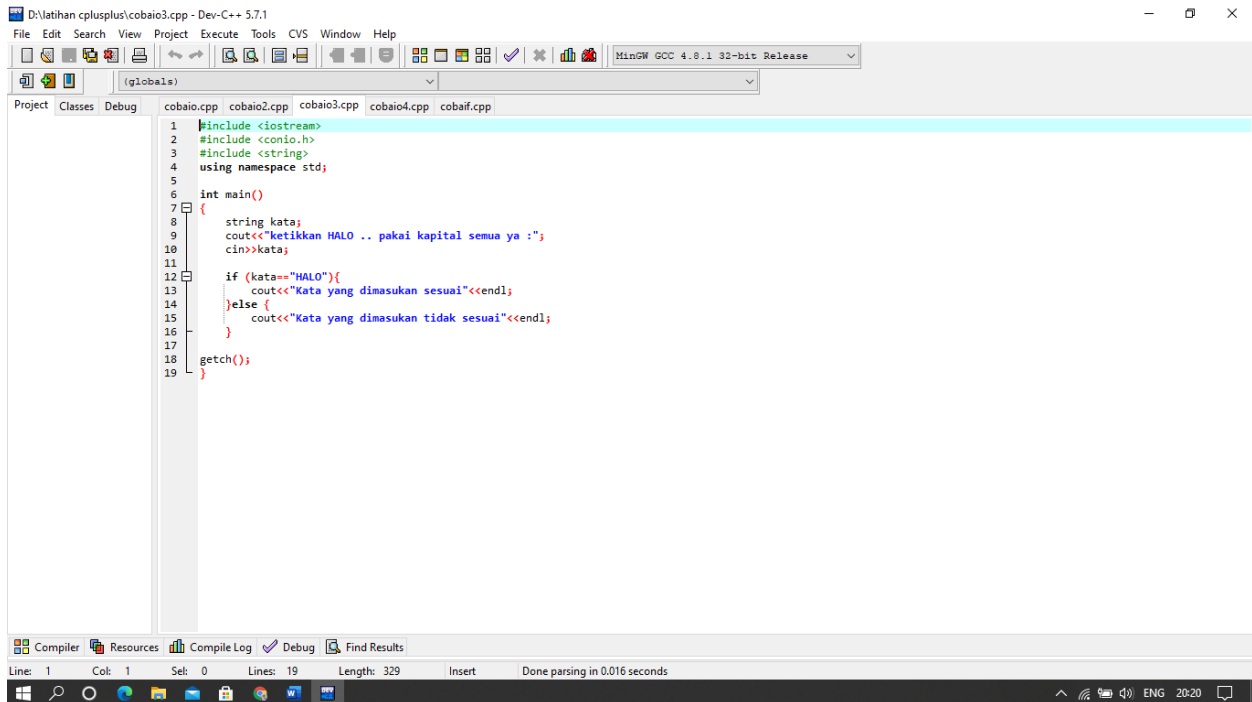
Ke-2 (runtunan, menggunakan iostream)



The screenshot shows the Dev-C++ IDE with a C++ program named 'cobaio2.cpp'. The code uses the `iostream` library for input and output. It prompts the user to enter a name and then prints a personalized greeting.

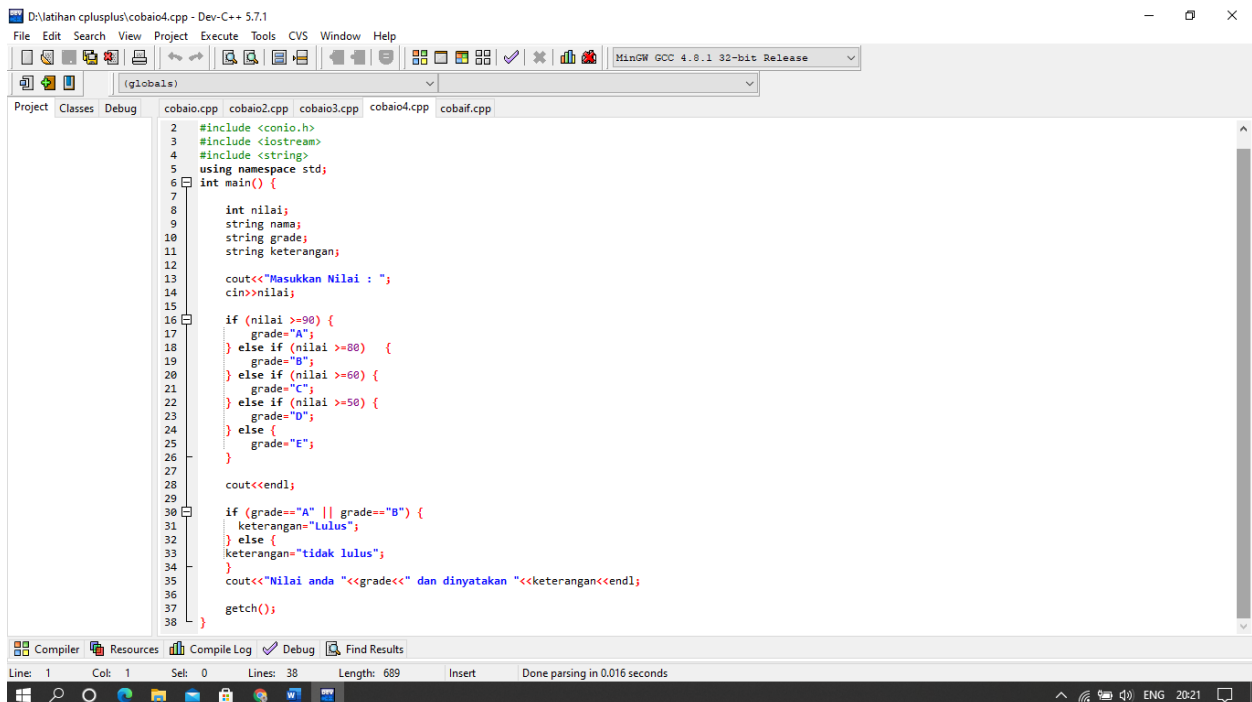
```
1 #include <iostream>
2 using namespace std;
3
4 int main(){
5     string nama, nama1;
6     cout << "Nama depan anda : ";
7     cin >> nama;
8     cout << "nama belakang anda : ";
9     cin >> nama1;
10
11    cout << "Hi " << nama << " " << nama1 << endl;
12    cout << "Selamat datang di elearning" << endl;
13
14    return 0;
15 }
```

Ke-3 (percabangan, single if)



```
1 #include <iostream>
2 #include <conio.h>
3 #include <string>
4 using namespace std;
5
6 int main()
7 {
8     string kata;
9     cout<<"ketikkan HALO .. pakai kapital semua ya :";
10    cin>>kata;
11
12    if (kata=="HALO"){
13        cout<<"Kata yang dimasukan sesuai"<<endl;
14    }else {
15        cout<<"Kata yang dimasukan tidak sesuai"<<endl;
16    }
17
18    getch();
19 }
```

Ke-4 (percabangan, multiple if dan operator logika OR)



```
2 #include <conio.h>
3 #include <iostream>
4 #include <string>
5 using namespace std;
6 int main() {
7
8     int nilai;
9     string nama;
10    string grade;
11    string keterangan;
12
13    cout<<"Masukkan Nilai : ";
14    cin>>nilai;
15
16    if (nilai >=90) {
17        grade="A";
18    } else if (nilai >=80) {
19        grade="B";
20    } else if (nilai >=60) {
21        grade="C";
22    } else if (nilai >=50) {
23        grade="D";
24    } else {
25        grade="E";
26    }
27
28    cout<<endl;
29
30    if (grade=="A" || grade=="B") {
31        keterangan="Lulus";
32    } else {
33        keterangan="tidak lulus";
34    }
35    cout<<"Nilai anda "<<grade<<" dan dinyatakan "<<keterangan<<endl;
36
37    getch();
38 }
```

Ke 5 (hal berikutnya) →percabangan, menggunakan if else dan operator AND

D:\latihan cplusplus\cobaif.cpp - Dev-C++ 5.7.1

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MinGW GCC 4.8.1 32-bit Release

(globals)

Project Classes Debug cobaio.cpp cobaio2.cpp cobaio3.cpp cobaio4.cpp cobaif.cpp

```
1 #include<iostream>
2 using namespace std;
3 int main() {
4
5     int usia;
6     string nama;
7     cout << "masukkan nama:";
8     cin >> nama;
9     cout << "masukkan umur:";
10    cin >> usia;
11    if ((usia>=25) && (usia<=30))
12        cout << nama << " diterima";
13    else
14        cout << nama << " tidak diterima";
15 }
```

Compiler Resources Compile Log Debug Find Results

Line: 1 Col: 1 Sel: 0 Lines: 15 Length: 293 Insert Done parsing in 0.016 seconds

Windows taskbar: 20:23