

**LAPORAN KEGIATAN
ALGORITMA PEMROGRAMAN**



Disusun Oleh :

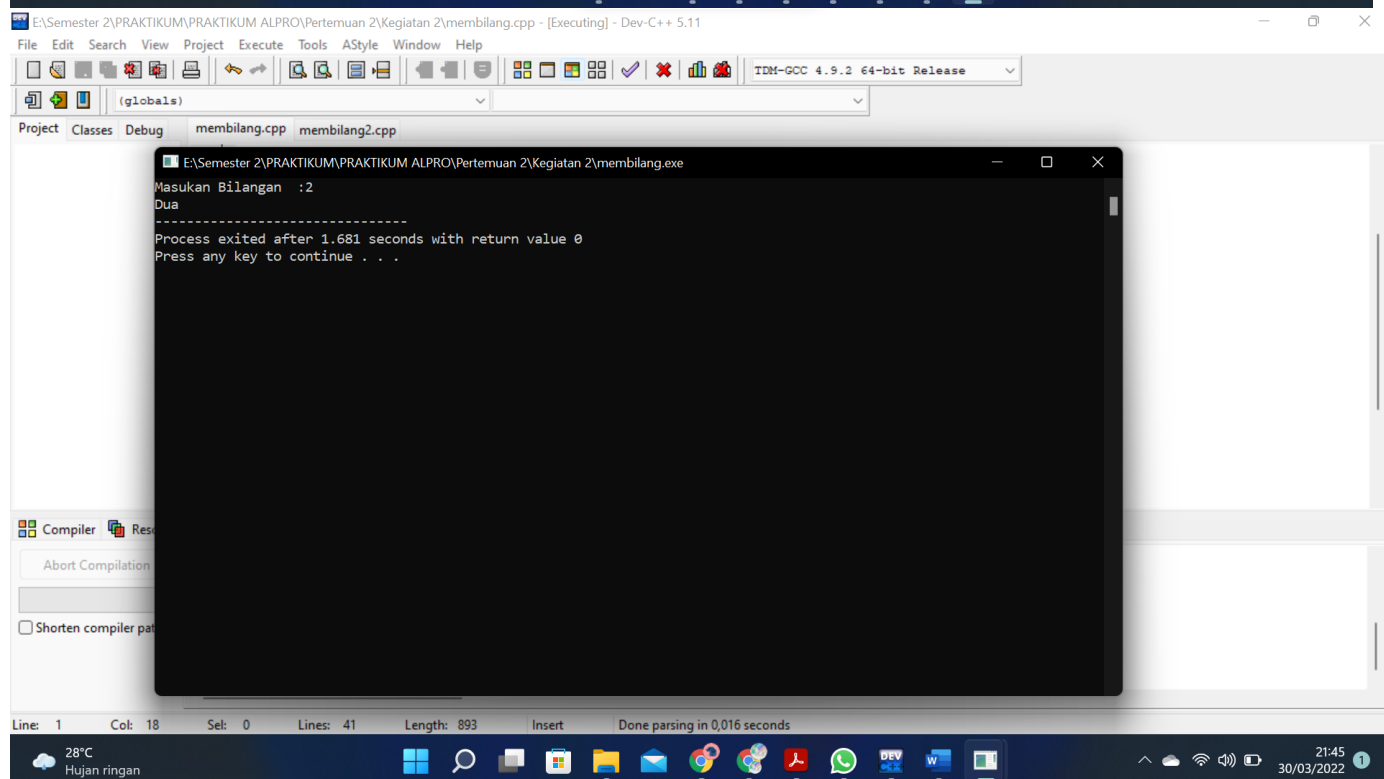
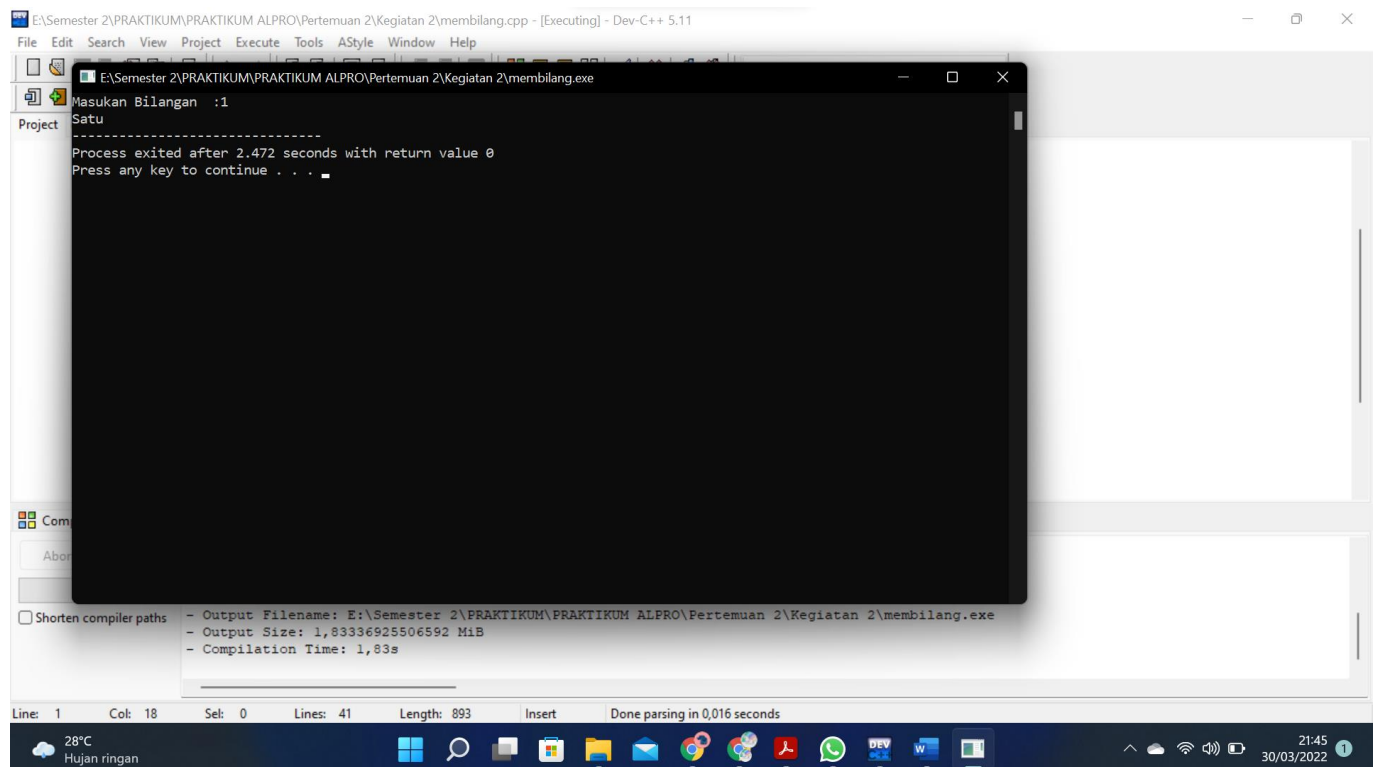
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**UNIVERSITAS AHMAD DAHLAN
FAKULTAS TEKNOLOGI INDUSTRI
PROGRAM STUDI TEKNIK INFORMATIKA
MARET 2022**

1. SS SOURCE CODE C++ MEMBILANG.CPP

```
1 #include<iostream>
2 #include<conio.h>
3
4 using namespace std;
5
6 class konversi{
7     friend istream& operator>>(istream&, konversi&);
8 public:
9     konversi(unsigned int b=0){bilangan=b;}
10    void membilang();
11 private:
12    unsigned int bilangan;
13 };
14 istream& operator>>(istream& in, konversi& x){
15     cout<<"Masukan Bilangan :";
16     in>>x.bilangan;
17     return in;
18 }
19 void konversi::membilang(){
20     switch(bilangan){
21         case 0:cout<<"Nol";break;
22         case 1:cout<<"Satu";break;
23         case 2:cout<<"Dua";break;
24         case 3:cout<<"Tiga";break;
25         case 4:cout<<"Empat";break;
26         case 5:cout<<"Lima";break;
27         case 6:cout<<"Enam";break;
28         case 7:cout<<"Tujuh";break;
29         case 8:cout<<"Delapan";break;
30         case 9:cout<<"Sembilan";break;
31         case 10:cout<<"Sepuluh";break;
32         case 11:cout<<"Sebelas";break;
33         default:cout<<"di luar range\n";
34     }
35 }
36 int main(){
37     konversi a;
38     cin>>a;
39     a.membilang();
40     getch();
41 }
```

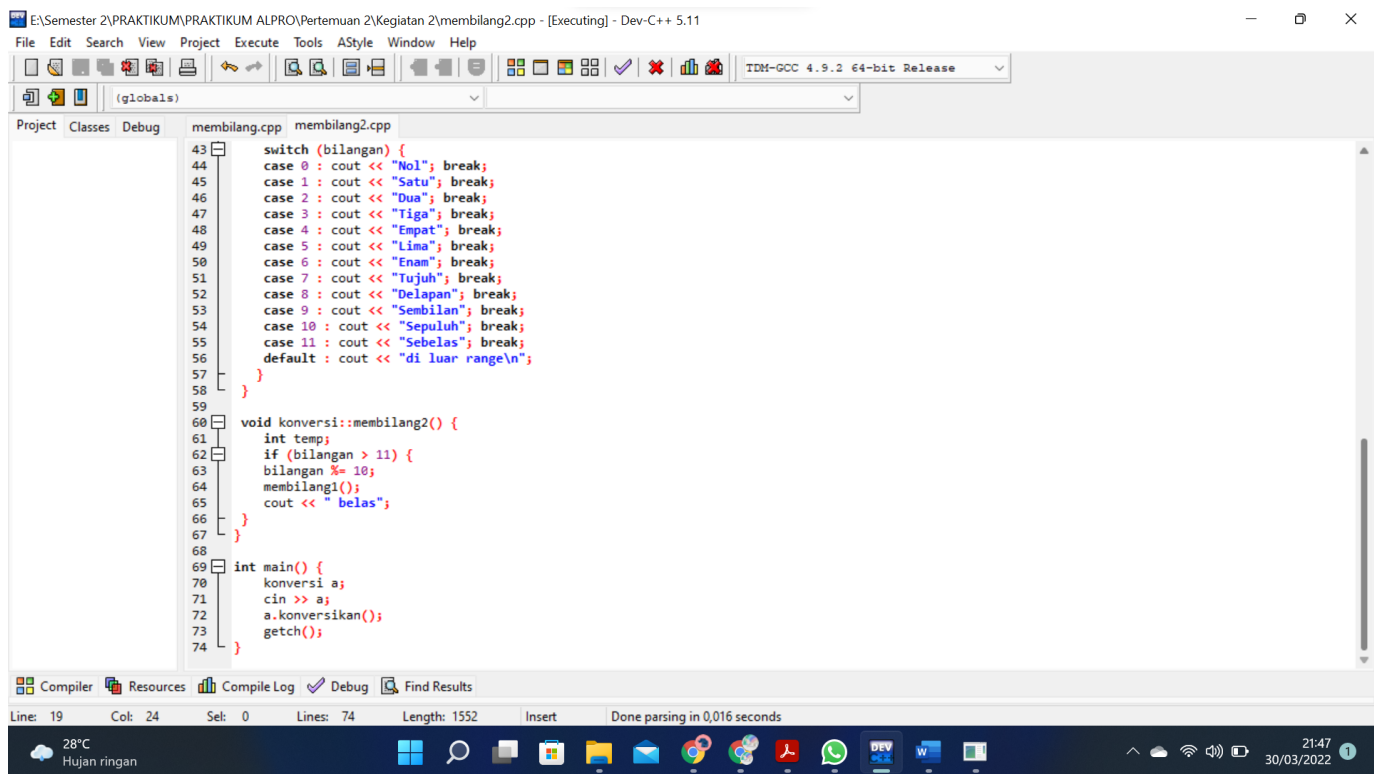
RUN



2.SS SOURCE CODE C++ MEMBILANG2.CPP

```
E:\Semester 2\PRAKTIKUM\PRAKTIKUM ALPRO\Pertemuan 2\Kegiatan 2\membilang2.cpp - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
(globals)
Project Classes Debug membilang.cpp membilang2.cpp
1 #include <iostream>
2 #include <conio.h>
3
4 using namespace std;
5
6 class konversi {
7     friend istream& operator>>(istream&, konversi&);
8 public:
9     konversi(unsigned int b=0) { bilangan = b; }
10    void membilang1();
11    void membilang2();
12    void membilang3();
13    void konversikan();
14 private:
15    unsigned int bilangan;
16 };
17
18 istream& operator>>(istream& in, konversi& x) {
19     cout << "Masukkan bilangan : ";
20     in >> x.bilangan;
21     return in;
22 }
23
24 void konversi::konversikan() {
25     if (bilangan <= 11) membilang1();
26     else if (bilangan > 19) membilang3();
27     else membilang2();
28 }
29
30 void konversi::membilang3() {
31     int satuan;
32     if (bilangan > 19) {
33         satuan = bilangan%10;
```

```
E:\Semester 2\PRAKTIKUM\PRAKTIKUM ALPRO\Pertemuan 2\Kegiatan 2\membilang2.cpp - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
(globals)
Project Classes Debug membilang.cpp membilang2.cpp
33         satuan = bilangan%10;
34         bilangan = bilangan/10;
35         konversikan();
36         cout << " Puluh ";
37         bilangan = satuan;
38         konversikan();
39     }
40 }
41
42 void konversi::membilang1() {
43     switch (bilangan) {
44     case 0 : cout << "Nol"; break;
45     case 1 : cout << "Satu"; break;
46     case 2 : cout << "Dua"; break;
47     case 3 : cout << "Tiga"; break;
48     case 4 : cout << "Empat"; break;
49     case 5 : cout << "Lima"; break;
50     case 6 : cout << "Enam"; break;
51     case 7 : cout << "Tujuh"; break;
52     case 8 : cout << "Delapan"; break;
53     case 9 : cout << "Sembilan"; break;
54     case 10 : cout << "Sepuluh"; break;
55     case 11 : cout << "Sebelas"; break;
56     default : cout << "di luar range\n";
57     }
58 }
59
60 void konversi::membilang2() {
61     int temp;
62     if (bilangan > 11) {
63         bilangan %= 10;
64         membilang1();
65         cout << " belas";
```



RUN

