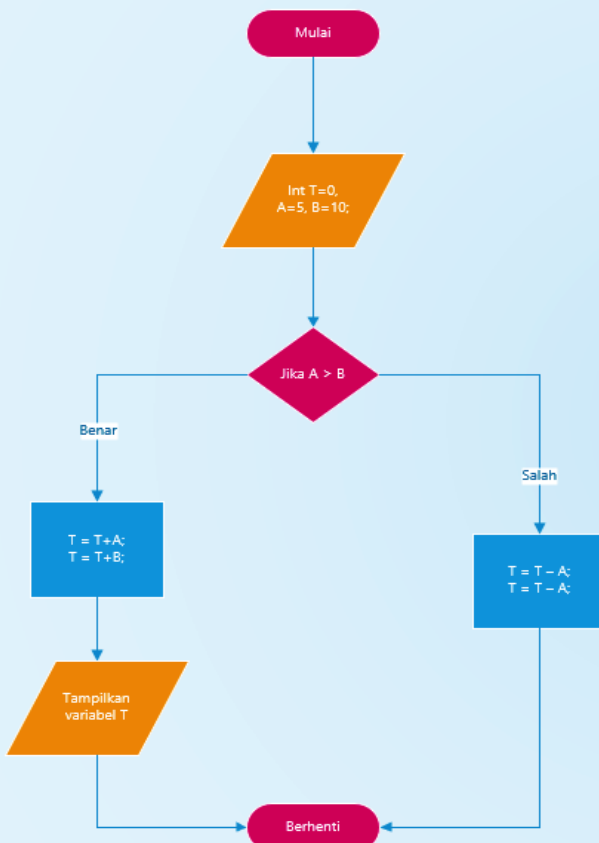


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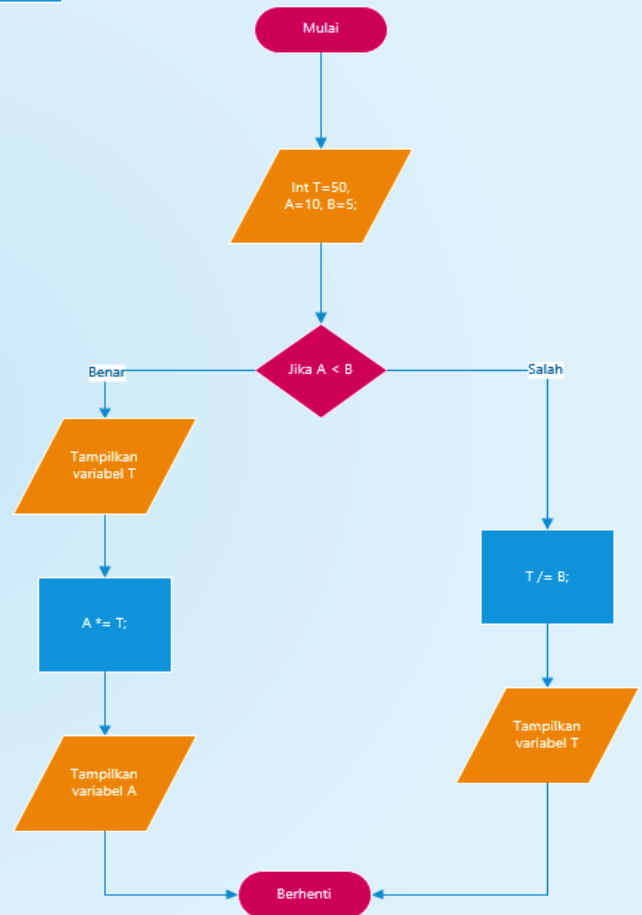
---

1. Berikut adalah bentuk flowchart menggunakan Microsoft Visio

1. a



1. b



2. Membuat program pengecekan bentuk segitiga atau bukan segitiga

```
#include<iostream>
using namespace std;

int main()
{
    int garis_1, garis_2, garis_3;

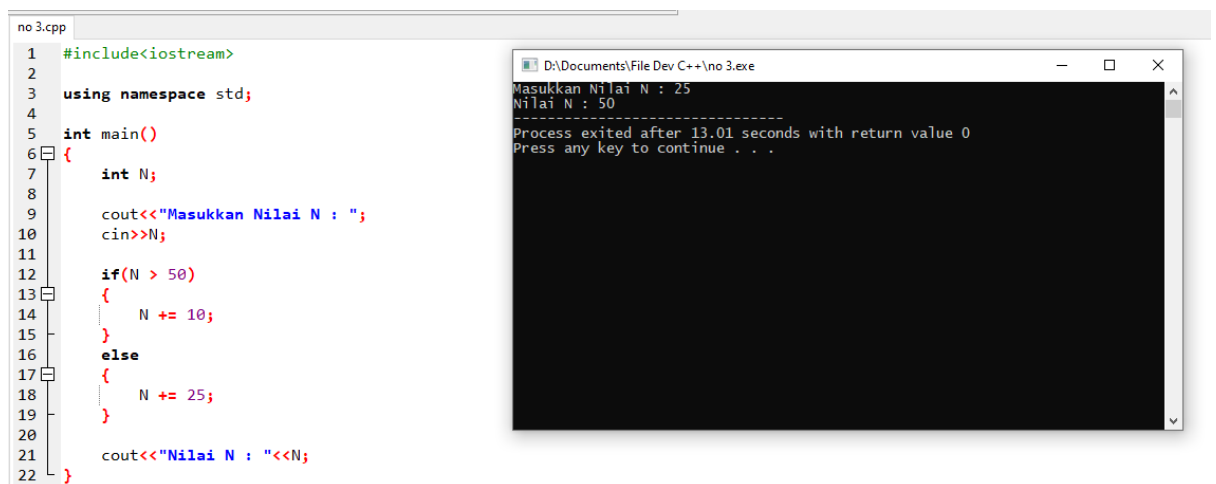
    cout<<"Masukkan garis pertama : ";
    cin>>garis_1;

    cout<<"Masukkan garis kedua   : ";
    cin>>garis_2;

    cout<<"Masukkan garis ketiga  : ";
    cin>>garis_3;

    cout<<"Bentuk                : ";
    if(garis_1 < 1 || garis_2 < 1 || garis_3 < 1)
    {
        cout<<"Bukan Segitiga";
    }
    else
    {
        cout<<"Segitiga";
    }
}
```

3. Gambar dari no. 3 a

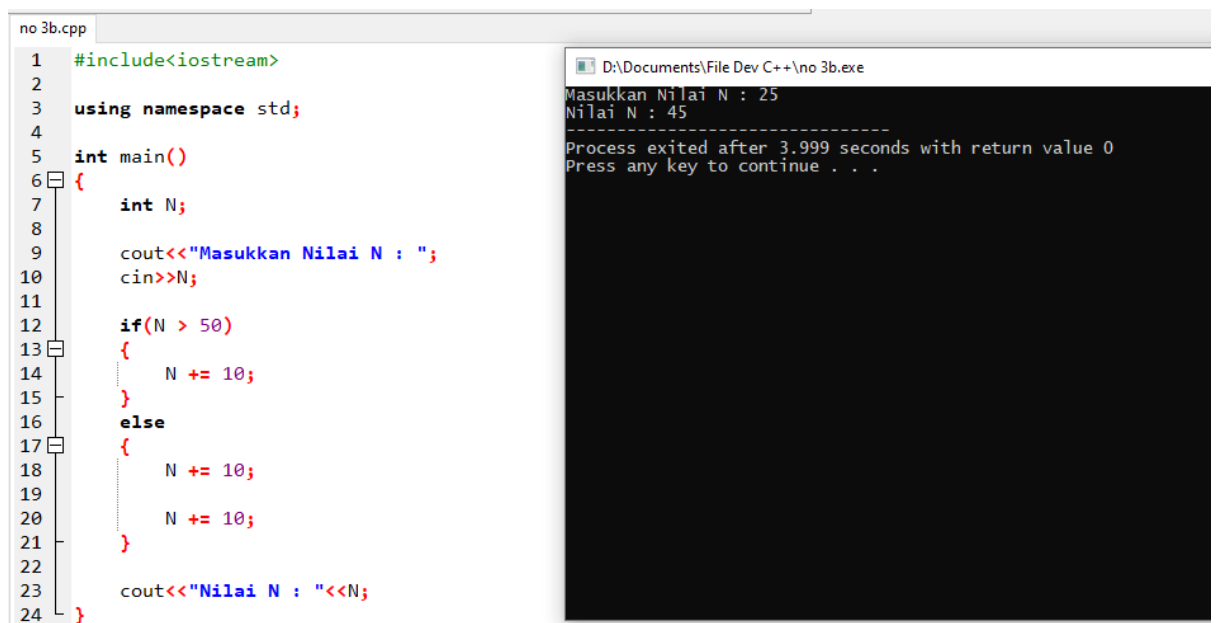


The image shows a C++ program in a text editor and its execution in a command prompt. The program, named 'no 3.cpp', includes the `<iostream>` header and uses the `std` namespace. It defines a `main` function that declares an integer `N`, prompts the user to enter a value for `N`, and reads the input. It then checks if `N` is greater than 50. If true, it increments `N` by 10. If false, it increments `N` by 25. Finally, it prints the value of `N`.

```
1 #include<iostream>
2
3 using namespace std;
4
5 int main()
6 {
7     int N;
8
9     cout<<"Masukkan Nilai N : ";
10    cin>>N;
11
12    if(N > 50)
13    {
14        N += 10;
15    }
16    else
17    {
18        N += 25;
19    }
20
21    cout<<"Nilai N : "<<N;
22 }
```

The execution window, titled 'D:\Documents\File Dev C++\no 3.exe', shows the program's output. It prompts for 'Masukkan Nilai N : 25', reads the input, and then displays 'Nilai N : 50'. The program then exits after 13.01 seconds with a return value of 0.

Gambar dari no. 3 b

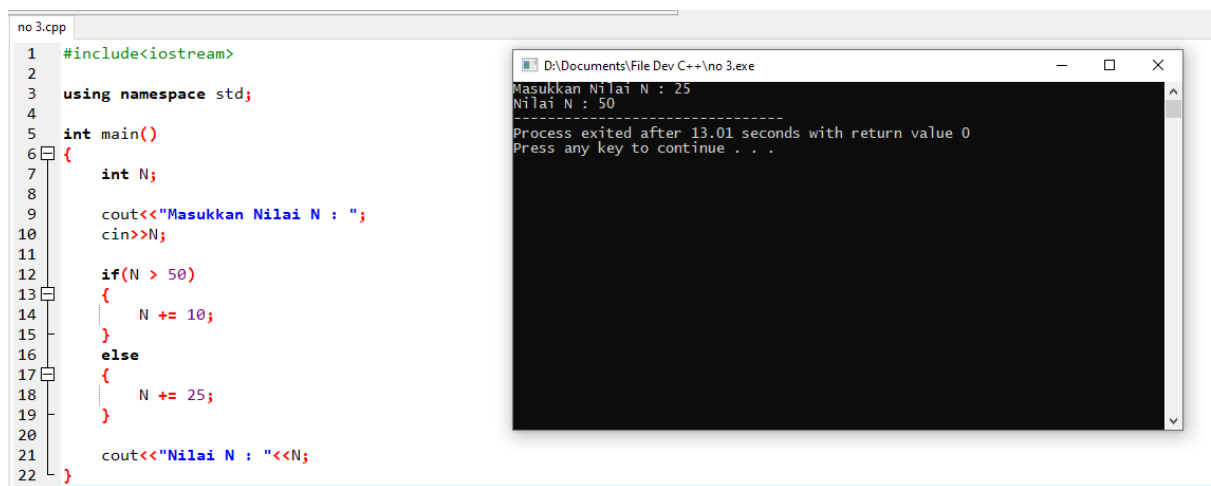


The image shows a C++ program in a text editor and its execution in a command prompt. The program, named 'no 3b.cpp', includes the `<iostream>` header and uses the `std` namespace. It defines a `main` function that declares an integer `N`, prompts the user to enter a value for `N`, and reads the input. It then checks if `N` is greater than 50. If true, it increments `N` by 10. If false, it increments `N` by 10 twice. Finally, it prints the value of `N`.

```
1 #include<iostream>
2
3 using namespace std;
4
5 int main()
6 {
7     int N;
8
9     cout<<"Masukkan Nilai N : ";
10    cin>>N;
11
12    if(N > 50)
13    {
14        N += 10;
15    }
16    else
17    {
18        N += 10;
19        N += 10;
20    }
21
22    cout<<"Nilai N : "<<N;
23
24 }
```

The execution window, titled 'D:\Documents\File Dev C++\no 3b.exe', shows the program's output. It prompts for 'Masukkan Nilai N : 25', reads the input, and then displays 'Nilai N : 45'. The program then exits after 3.999 seconds with a return value of 0.

4. Gambar no. 3 a dengan nilai N = 25

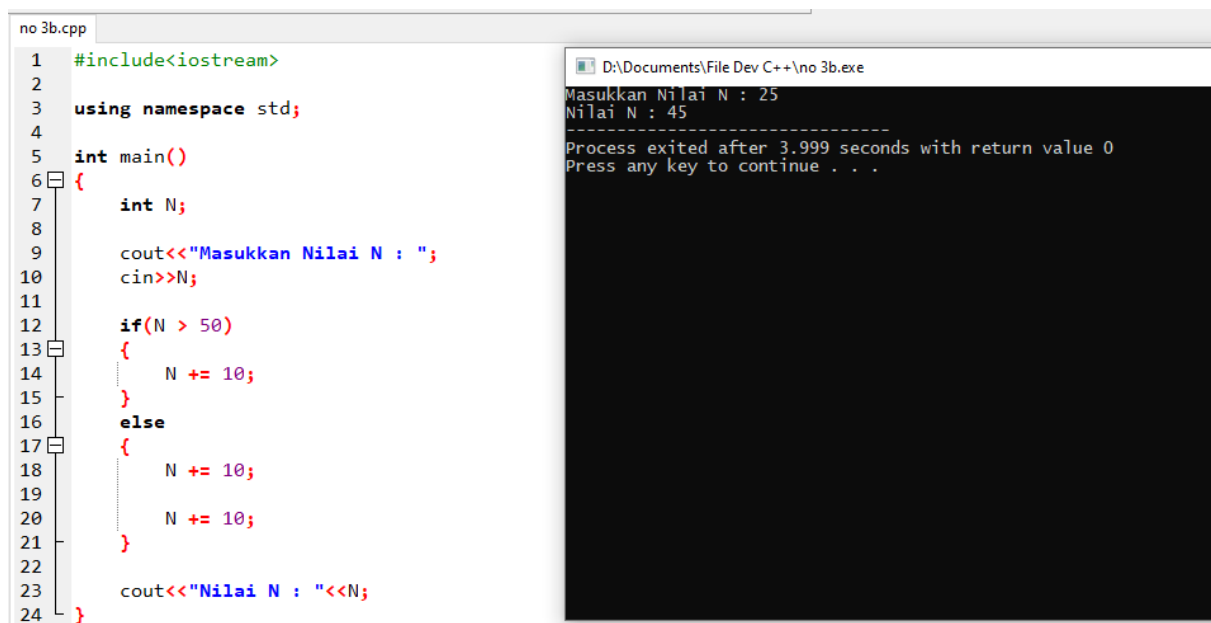


The screenshot shows a C++ IDE with a file named 'no 3.cpp'. The code is as follows:

```
1 #include<iostream>
2
3 using namespace std;
4
5 int main()
6 {
7     int N;
8
9     cout<<"Masukkan Nilai N : ";
10    cin>>N;
11
12    if(N > 50)
13    {
14        N += 10;
15    }
16    else
17    {
18        N += 25;
19    }
20
21    cout<<"Nilai N : "<<N;
22 }
```

The console window shows the execution of 'no 3.exe'. It prompts 'Masukkan Nilai N : 25', the user enters '50', and the program outputs 'Nilai N : 50'. The process then exits after 13.01 seconds with a return value of 0.

Gambar no. 3 b dengan nilai N = 25



The screenshot shows a C++ IDE with a file named 'no 3b.cpp'. The code is as follows:

```
1 #include<iostream>
2
3 using namespace std;
4
5 int main()
6 {
7     int N;
8
9     cout<<"Masukkan Nilai N : ";
10    cin>>N;
11
12    if(N > 50)
13    {
14        N += 10;
15    }
16    else
17    {
18        N += 10;
19        N += 10;
20    }
21
22    cout<<"Nilai N : "<<N;
23 }
```

The console window shows the execution of 'no 3b.exe'. It prompts 'Masukkan Nilai N : 25', the user enters '45', and the program outputs 'Nilai N : 45'. The process then exits after 3.999 seconds with a return value of 0.

Gambar no. 3 a dengan nilai N = 50

The screenshot shows a C++ program named 'no 3.cpp' and its execution output. The program prompts the user to enter a value for 'N'. In the execution window, '50' is entered, and the program outputs 'Nilai N : 75'. The program then exits after 10.74 seconds.

```
no 3.cpp
1 #include<iostream>
2
3 using namespace std;
4
5 int main()
6 {
7     int N;
8
9     cout<<"Masukkan Nilai N : ";
10    cin>>N;
11
12    if(N > 50)
13    {
14        N += 10;
15    }
16    else
17    {
18        N += 25;
19    }
20
21    cout<<"Nilai N : "<<N;
22 }
```

```
D:\Documents\File Dev C++\no 3.exe
Masukkan Nilai N : 50
Nilai N : 75
-----
Process exited after 10.74 seconds with return value 0
Press any key to continue . . .
```

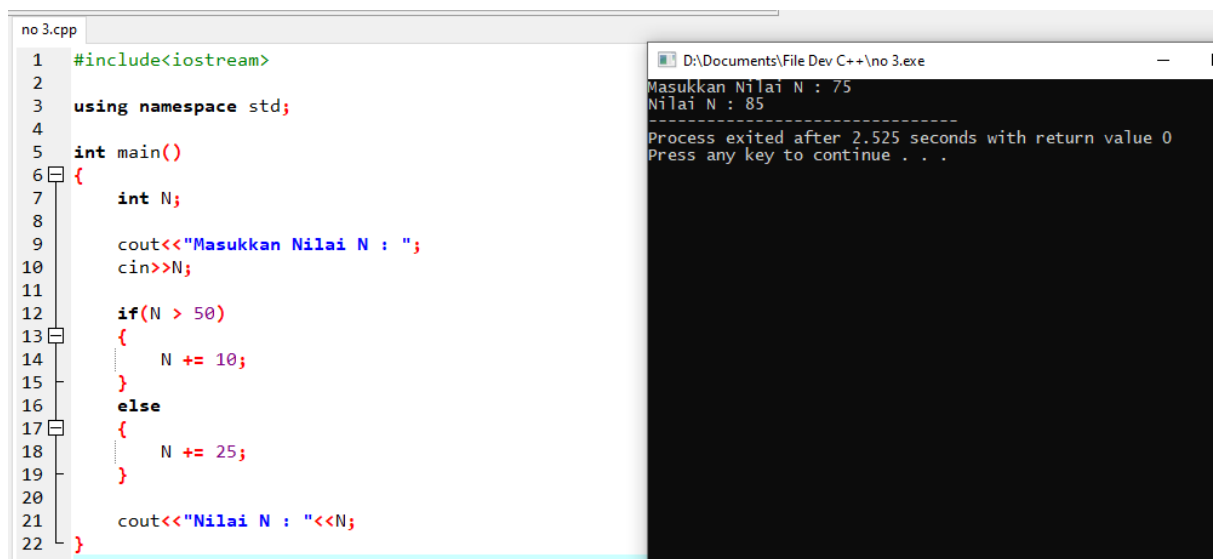
Gambar no. 3 b dengan nilai N = 50

The screenshot shows a C++ program named 'no 3b.cpp' and its execution output. The program prompts the user to enter a value for 'N'. In the execution window, '50' is entered, and the program outputs 'Nilai N : 70'. The program then exits after 2.868 seconds.

```
no 3b.cpp
1 #include<iostream>
2
3 using namespace std;
4
5 int main()
6 {
7     int N;
8
9     cout<<"Masukkan Nilai N : ";
10    cin>>N;
11
12    if(N > 50)
13    {
14        N += 10;
15    }
16    else
17    {
18        N += 10;
19        N += 10;
20    }
21
22    cout<<"Nilai N : "<<N;
23
24 }
```

```
D:\Documents\File Dev C++\no 3b.exe
Masukkan Nilai N : 50
Nilai N : 70
-----
Process exited after 2.868 seconds with return value 0
Press any key to continue . . .
```

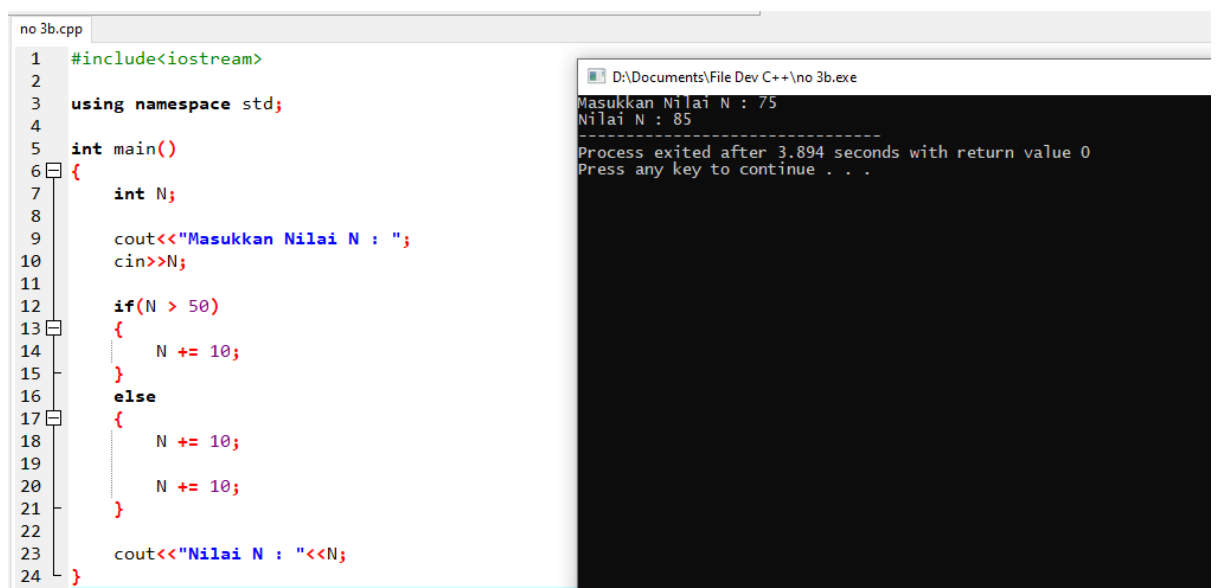
Gambar no. 3 a dengan nilai N = 75



```
no 3.cpp
1  #include<iostream>
2
3  using namespace std;
4
5  int main()
6  {
7      int N;
8
9      cout<<"Masukkan Nilai N : ";
10     cin>>N;
11
12     if(N > 50)
13     {
14         N += 10;
15     }
16     else
17     {
18         N += 25;
19     }
20
21     cout<<"Nilai N : "<<N;
22 }
```

```
D:\Documents\File Dev C++\no 3.exe
Masukkan Nilai N : 75
Nilai N : 85
-----
Process exited after 2.525 seconds with return value 0
Press any key to continue . . .
```

Gambar no. 3 b dengan nilai N = 75



```
no 3b.cpp
1  #include<iostream>
2
3  using namespace std;
4
5  int main()
6  {
7      int N;
8
9      cout<<"Masukkan Nilai N : ";
10     cin>>N;
11
12     if(N > 50)
13     {
14         N += 10;
15     }
16     else
17     {
18         N += 10;
19         N += 10;
20     }
21
22     cout<<"Nilai N : "<<N;
23
24 }
```

```
D:\Documents\File Dev C++\no 3b.exe
Masukkan Nilai N : 75
Nilai N : 85
-----
Process exited after 3.894 seconds with return value 0
Press any key to continue . . .
```