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NIM : 103012300006

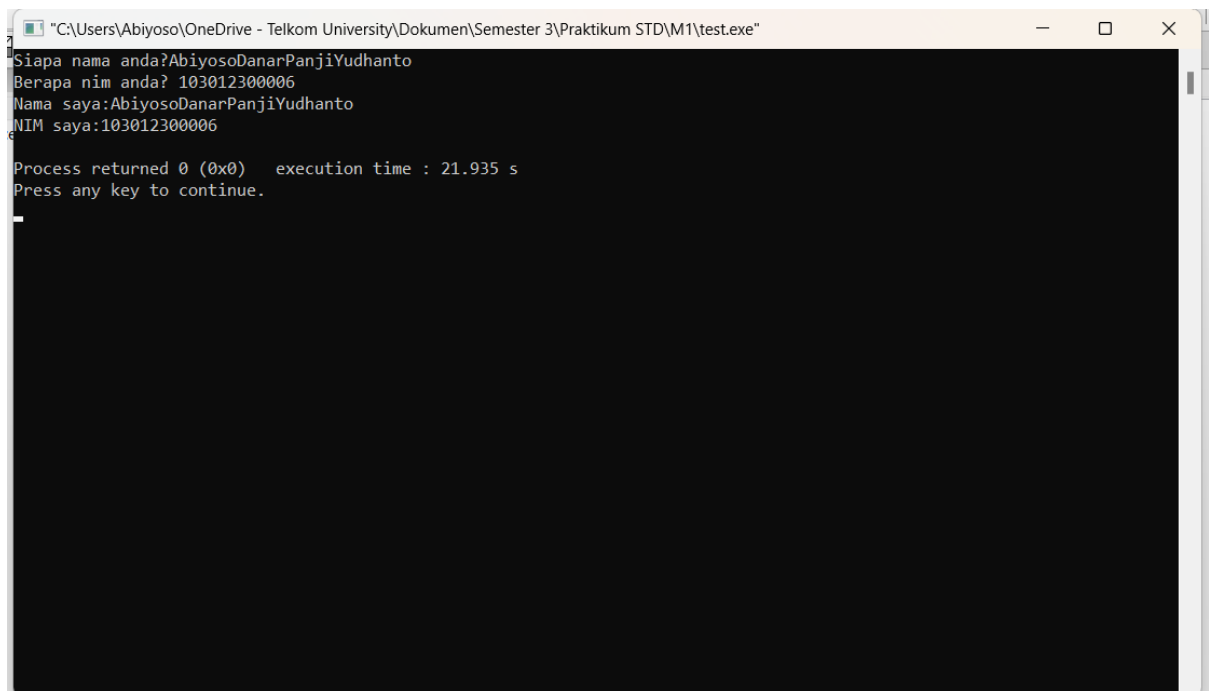
Kelas : IF 47 05

TP Modul 1 STD

1(a)



```
1 #include <iostream>
2
3 using namespace std;
4
5 int main() {
6     string nama, nim;
7     cout << "Siapa nama anda?" ;
8     cin >> nama;
9     cout << "Berapa nim anda? ";
10    cin >> nim;
11    cout << "Nama saya:" << nama << endl;
12    cout << "NIM saya:" << nim << endl;
13    return 0;
14 }
15
```



```
"C:\Users\Abiyoso\OneDrive - Telkom University\Dokumen\Semester 3\Praktikum STD\M1\test.exe"
Siapa nama anda?AbiyosoDanarPanjiYudhanto
Berapa nim anda? 103012300006
Nama saya:AbiyosoDanarPanjiYudhanto
NIM saya:103012300006

Process returned 0 (0x0)   execution time : 21.935 s
Press any key to continue.
```

1(b)

```
Start here X testcpp X
1 #include <iostream>
2
3 using namespace std;
4
5 int main() {
6     string nama, nim;
7     cout << "Siapa nama anda?" ;
8     cin >> nama;
9     cout << "Berapa nim anda? ";
10    cin >> nim;
11    cout << "Nama saya:" << nama << endl;
12    cout << "NIM saya:" << nim << endl;
13    return 0;
14 }
15
```

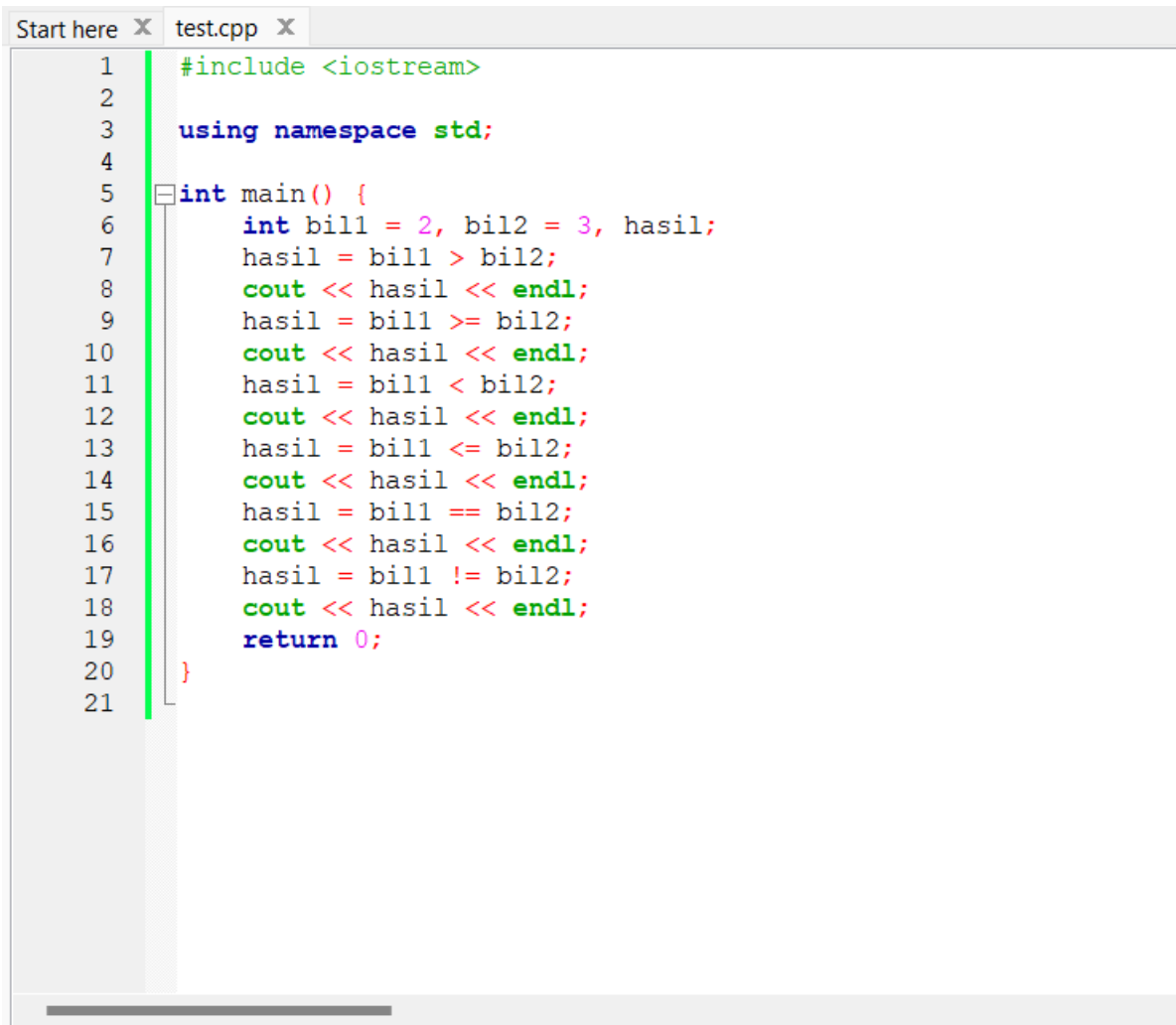
```
"C:\Users\Abiyoso\OneDrive - Telkom University\Dokumen\Semester 3\Praktikum STD\M1\test.exe"
Siapa nama anda?Abi
Berapa nim anda? 103012300006
Nama saya:Abi
NIM saya:103012300006

Process returned 0 (0x0)   execution time : 11.289 s
Press any key to continue.
```

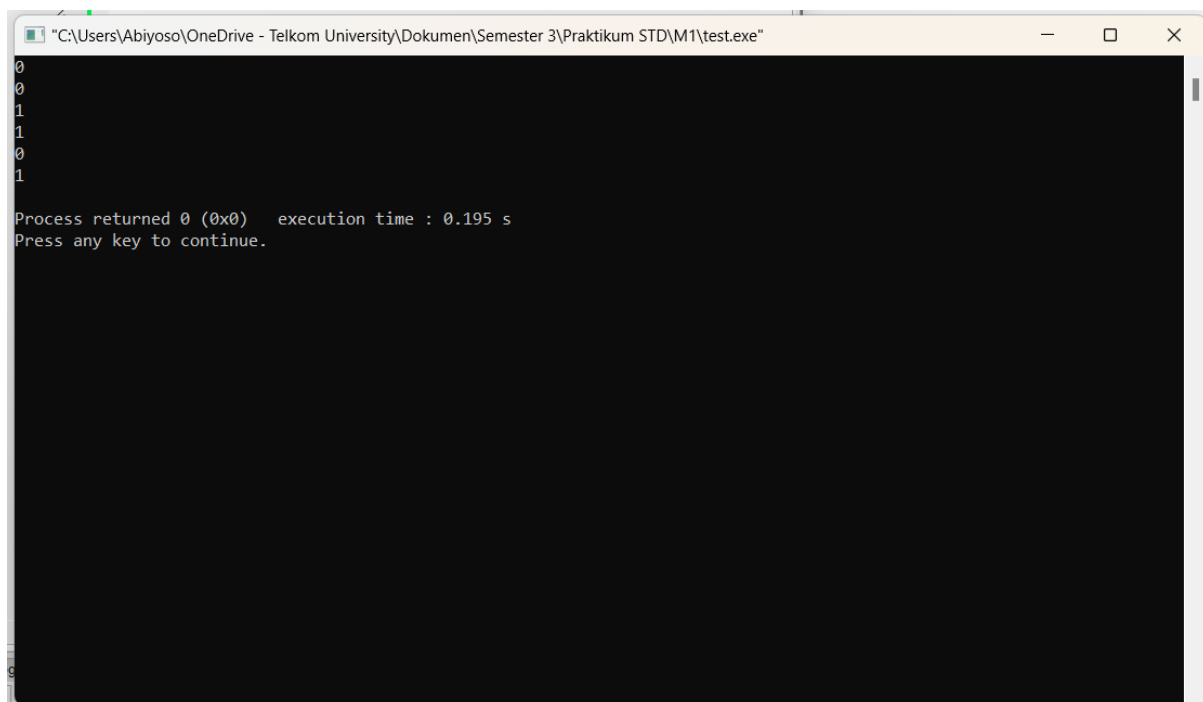
```
Start here X test.cpp X
1  #include <iostream>
2
3  using namespace std;
4
5  int main() {
6      int bil1 = 3, bil2 = 4, hasil1;
7      float bil3 = 3.0, bil4 = 4.0, hasil2;
8      hasil1 = bil1 + bil2;
9      cout << hasil1 << endl;
10     hasil1 = bil1 - bil2;
11     cout << hasil1 << endl;
12     hasil1 = bil1 * bil2;
13     cout << hasil1 << endl;
14     hasil1 = bil1 / bil2; //integer division
15     cout << hasil1 << endl;
16     hasil1 = bil2 / bil2; //integer division
17     cout << hasil1 << endl;
18     hasil1 = bil1 % bil2; //module
19     cout << hasil1 << endl;
20     hasil1 = bil2 % bil1; //module
21     cout << hasil1 << endl;
22     hasil2 = bil3 / bil4;
23     cout << hasil2 << endl;
24     return 0;
25 }
26
```

```
"C:\Users\Abiyoso\OneDrive - Telkom University\Dokumen\Semester 3\Praktikum STD\M1\test.exe"
7
-1
12
0
1
3
1
0.75
Process returned 0 (0x0)   execution time : 0.205 s
Press any key to continue.
```

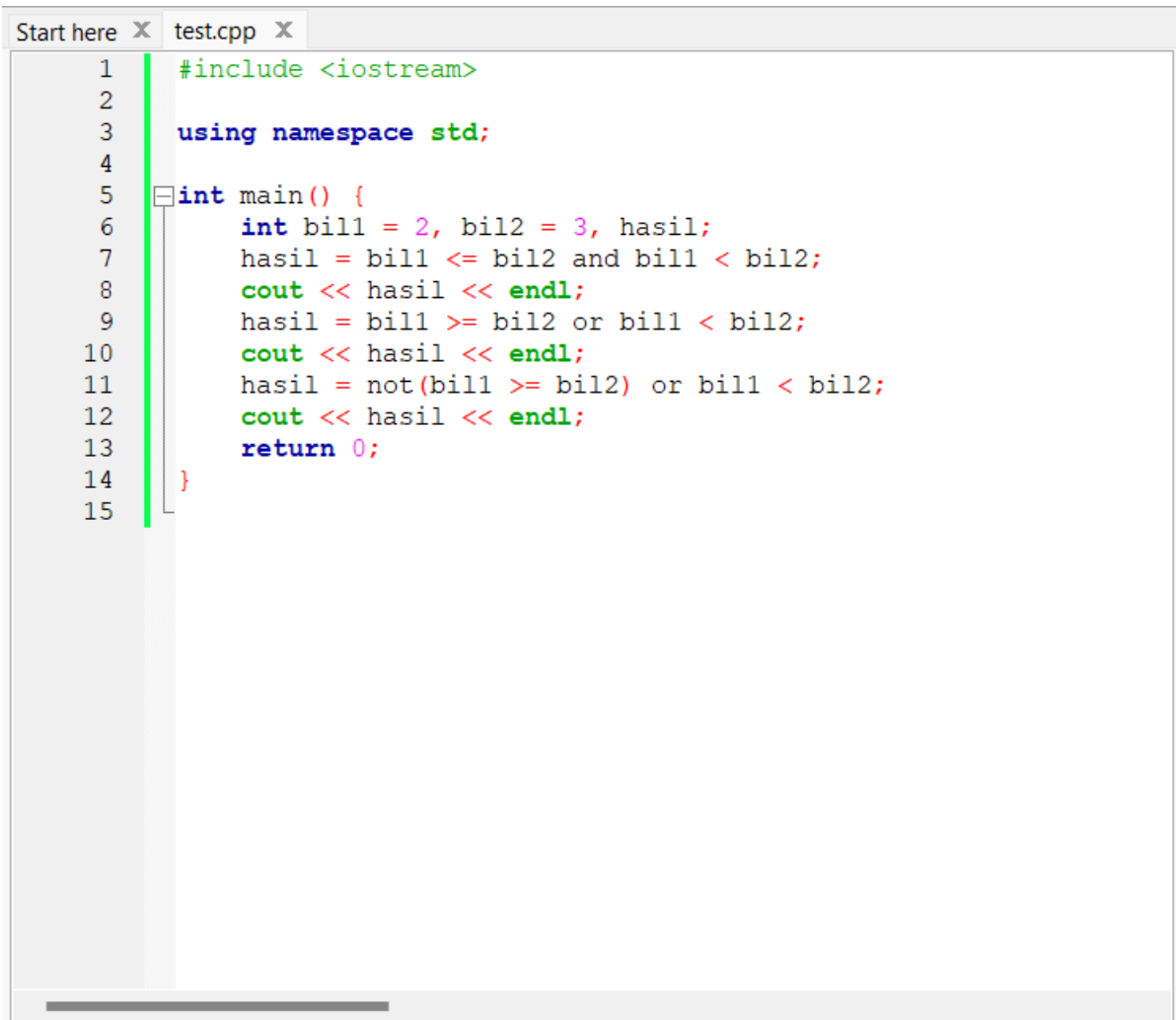
3



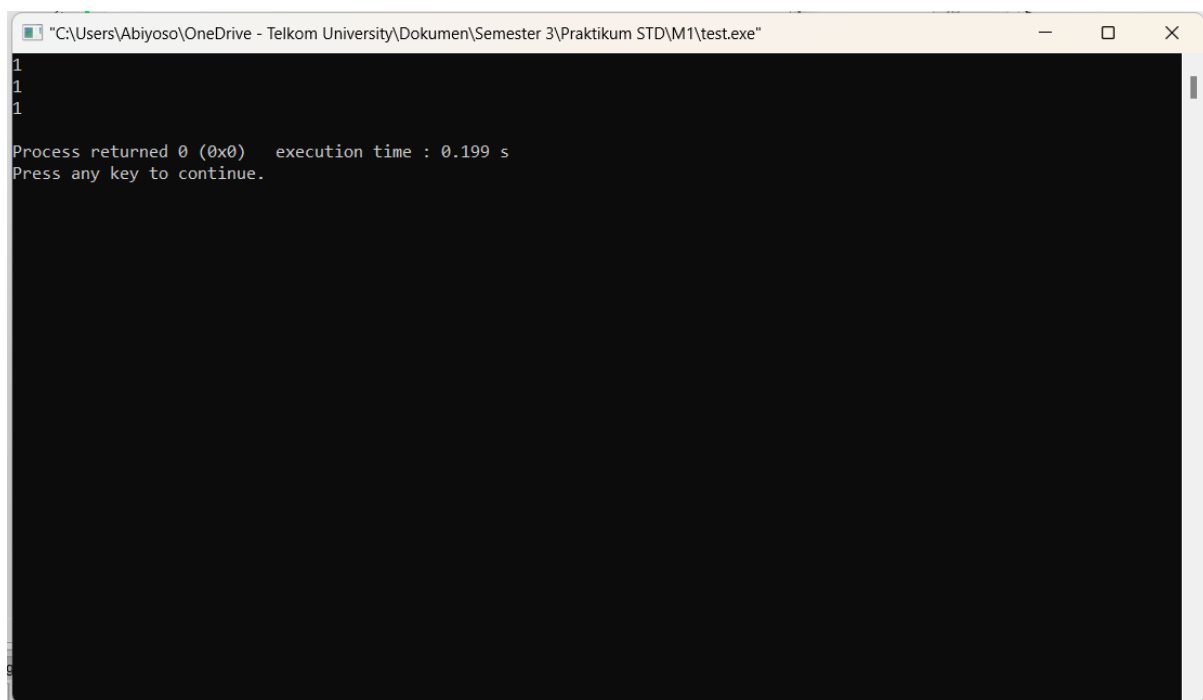
```
1 #include <iostream>
2
3 using namespace std;
4
5 int main() {
6     int bil1 = 2, bil2 = 3, hasil;
7     hasil = bil1 > bil2;
8     cout << hasil << endl;
9     hasil = bil1 >= bil2;
10    cout << hasil << endl;
11    hasil = bil1 < bil2;
12    cout << hasil << endl;
13    hasil = bil1 <= bil2;
14    cout << hasil << endl;
15    hasil = bil1 == bil2;
16    cout << hasil << endl;
17    hasil = bil1 != bil2;
18    cout << hasil << endl;
19    return 0;
20 }
21
```



```
"C:\Users\Abiyoso\OneDrive - Telkom University\Dokumen\Semester 3\Praktikum STD\M1\test.exe"
0
0
1
1
0
1
Process returned 0 (0x0)   execution time : 0.195 s
Press any key to continue.
```



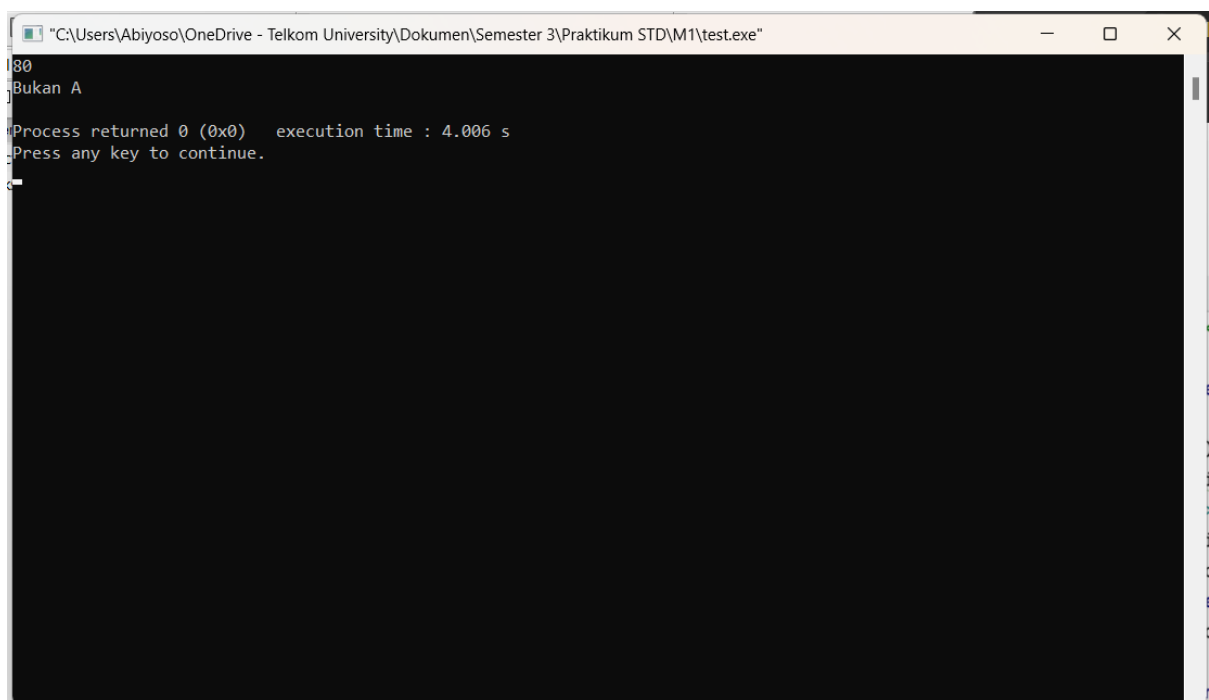
```
1 #include <iostream>
2
3 using namespace std;
4
5 int main() {
6     int bil1 = 2, bil2 = 3, hasil;
7     hasil = bil1 <= bil2 and bil1 < bil2;
8     cout << hasil << endl;
9     hasil = bil1 >= bil2 or bil1 < bil2;
10    cout << hasil << endl;
11    hasil = not(bil1 >= bil2) or bil1 < bil2;
12    cout << hasil << endl;
13    return 0;
14 }
15
```



```
"C:\Users\Abiyoso\OneDrive - Telkom University\Dokumen\Semester 3\Praktikum STD\M1\test.exe"
1
1
1
Process returned 0 (0x0)   execution time : 0.199 s
Press any key to continue.
```



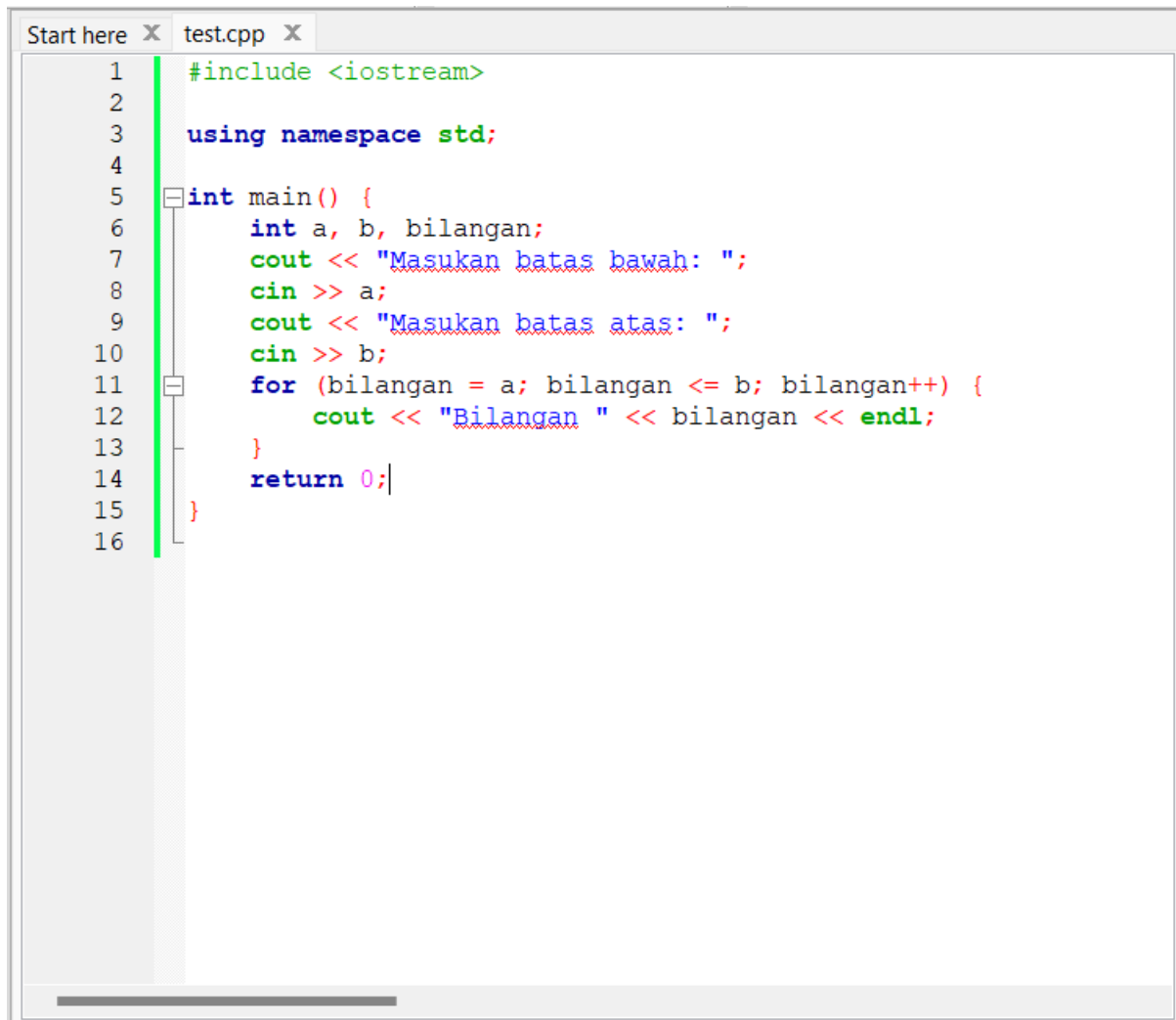
```
1 #include <iostream>
2
3 using namespace std;
4
5 int main() {
6     int nilai;
7     cin >> nilai;
8     if (nilai > 80) {
9         cout << "A" << endl;
10    } else {
11        cout << "Bukan A" << endl;
12    }
13    return 0;
14 }
15
```



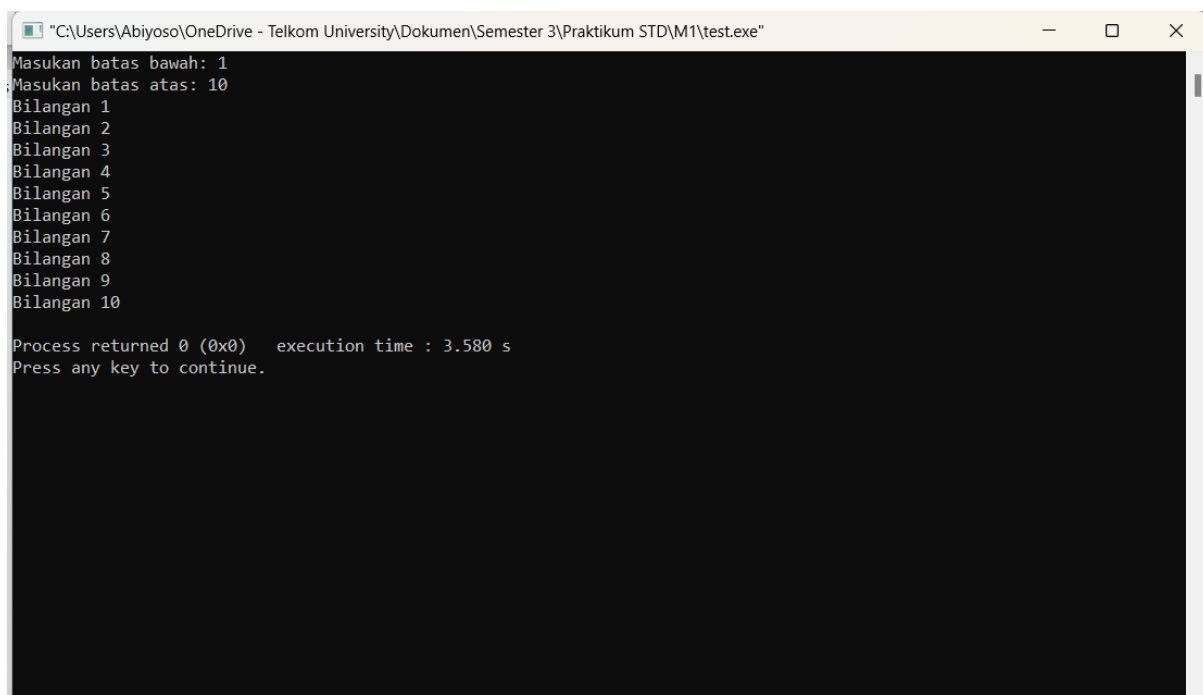
```
"C:\Users\Abiyoso\OneDrive - Telkom University\Dokumen\Semester 3\Praktikum STD\M1\test.exe"
80
Bukan A
Process returned 0 (0x0)   execution time : 4.006 s
Press any key to continue.
```

```
"C:\Users\Abiyoso\OneDrive - Telkom University\Dokumen\Semester 3\Praktikum STD\M1\test.exe"
81
A
Process returned 0 (0x0)   execution time : 3.052 s
Press any key to continue.
```

```
"C:\Users\Abiyoso\OneDrive - Telkom University\Dokumen\Semester 3\Praktikum STD\M1\test.exe"
79
Bukan A
Process returned 0 (0x0)   execution time : 3.206 s
Press any key to continue.
```

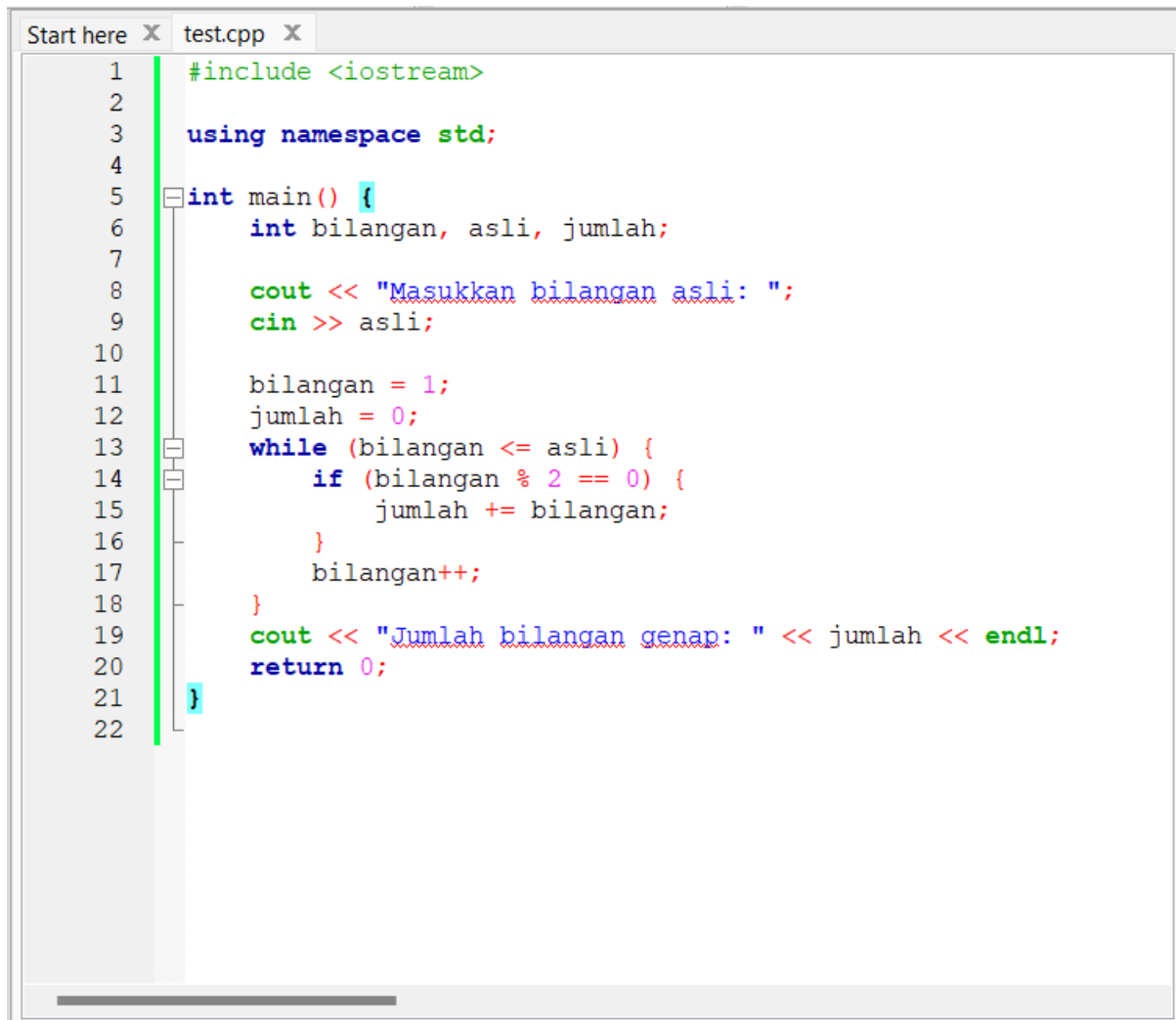


```
1  #include <iostream>
2
3  using namespace std;
4
5  int main() {
6      int a, b, bilangan;
7      cout << "Masukan batas bawah: ";
8      cin >> a;
9      cout << "Masukan batas atas: ";
10     cin >> b;
11     for (bilangan = a; bilangan <= b; bilangan++) {
12         cout << "Bilangan " << bilangan << endl;
13     }
14     return 0;
15 }
16
```

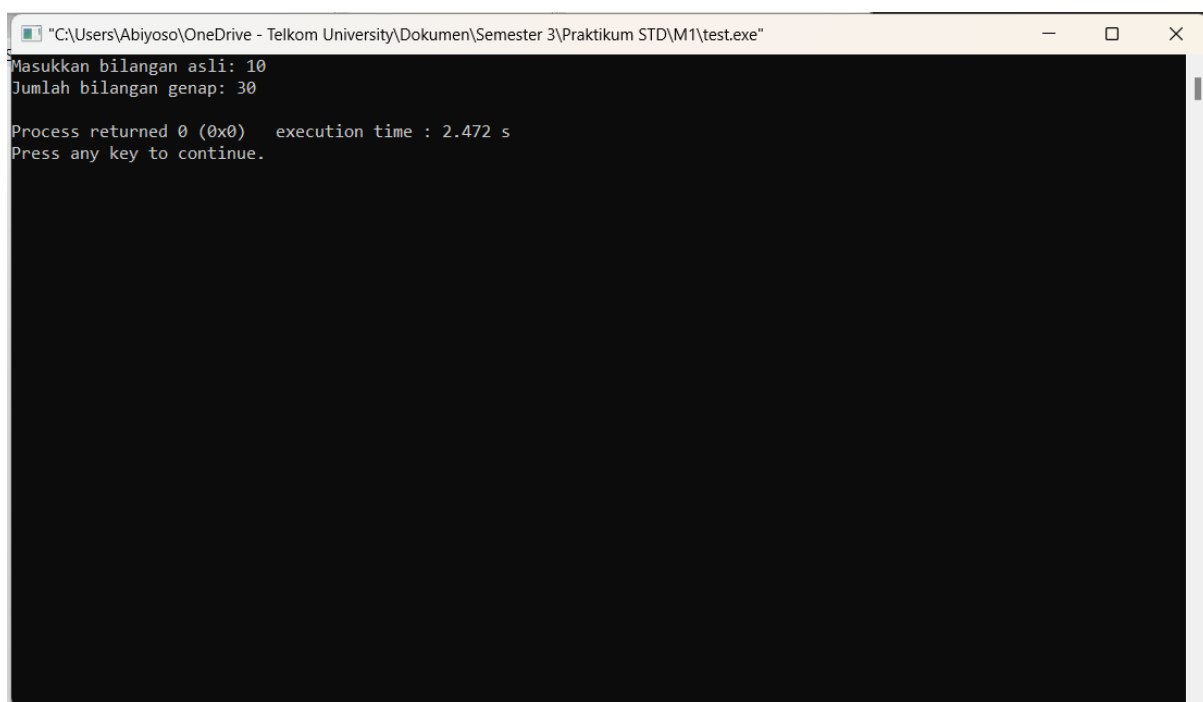


```
"C:\Users\Abiyoso\OneDrive - Telkom University\Dokumen\Semester 3\Praktikum STD\M1\test.exe"
Masukan batas bawah: 1
Masukan batas atas: 10
Bilangan 1
Bilangan 2
Bilangan 3
Bilangan 4
Bilangan 5
Bilangan 6
Bilangan 7
Bilangan 8
Bilangan 9
Bilangan 10

Process returned 0 (0x0)   execution time : 3.580 s
Press any key to continue.
```

```
1  #include <iostream>
2
3  using namespace std;
4
5  int main() {
6      int bilangan, asli, jumlah;
7
8      cout << "Masukkan bilangan asli: ";
9      cin >> asli;
10
11     bilangan = 1;
12     jumlah = 0;
13     while (bilangan <= asli) {
14         if (bilangan % 2 == 0) {
15             jumlah += bilangan;
16         }
17         bilangan++;
18     }
19     cout << "Jumlah bilangan genap: " << jumlah << endl;
20     return 0;
21 }
22
```



```
"C:\Users\Abiyoso\OneDrive - Telkom University\Dokumen\Semester 3\Praktikum STD\M1\test.exe"
Masukkan bilangan asli: 10
Jumlah bilangan genap: 30

Process returned 0 (0x0)   execution time : 2.472 s
Press any key to continue.
```