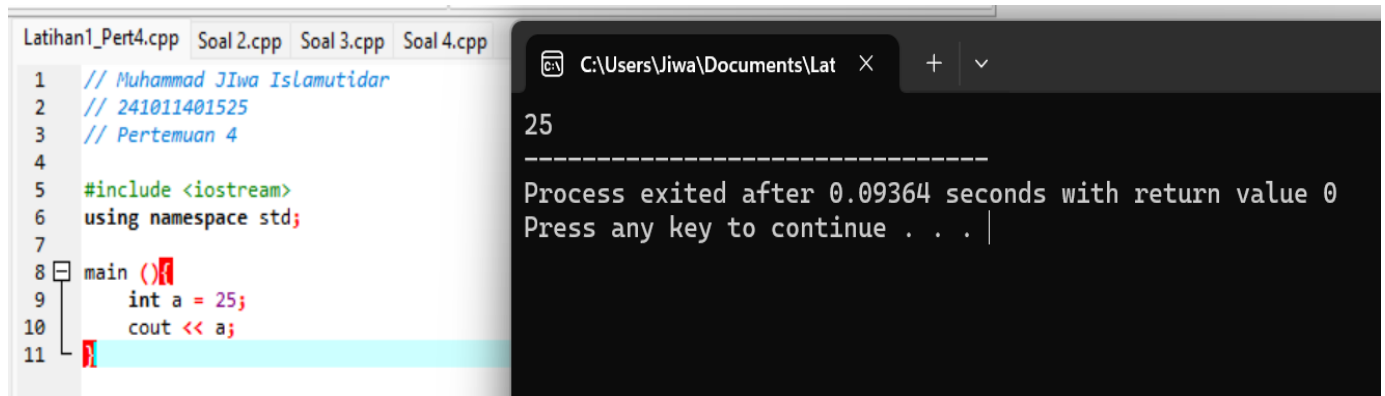


Nama : Muhammad Jiwa Islamutidar

Kelas : 01TPLP041

Mata Kuliah : Algoritma Pemrograman 1

Soal 1 :

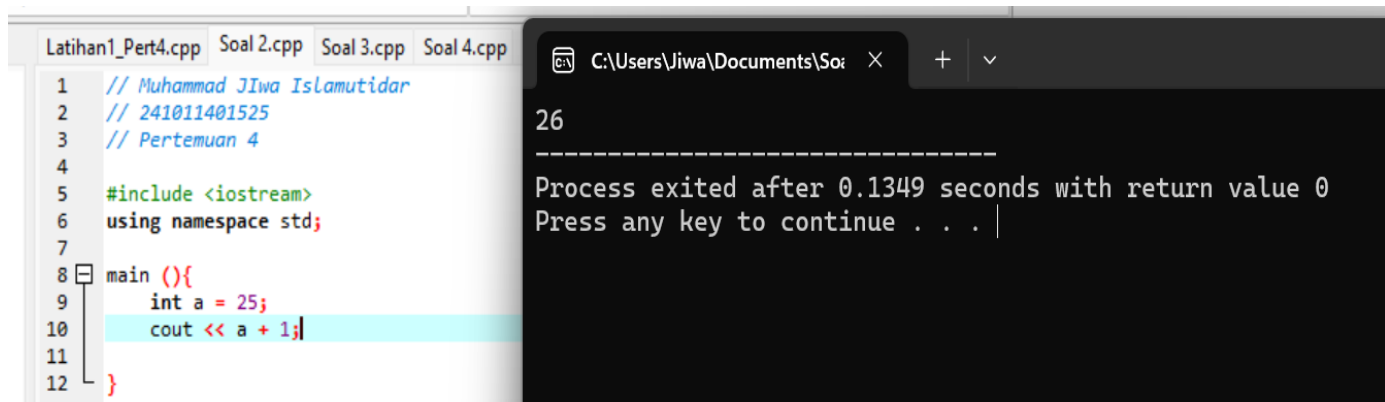


The screenshot shows a C++ IDE with a file named 'Latihan1_Pert4.cpp'. The code is as follows:

```
1 // Muhammad Jiwa Islamutidar
2 // 241011401525
3 // Pertemuan 4
4
5 #include <iostream>
6 using namespace std;
7
8 main ()
9 {
10     int a = 25;
11     cout << a;
12 }
```

The output window shows the number 25, followed by a separator line, and then the message: "Process exited after 0.09364 seconds with return value 0. Press any key to continue . . . |".

Soal 2 :

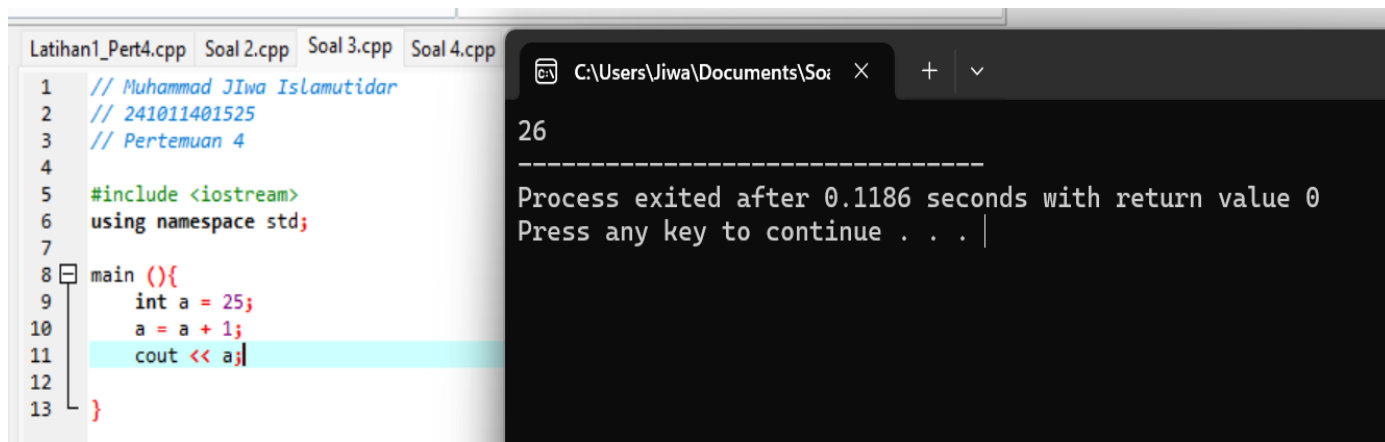


The screenshot shows a C++ IDE with a file named 'Latihan1_Pert4.cpp'. The code is as follows:

```
1 // Muhammad Jiwa Islamutidar
2 // 241011401525
3 // Pertemuan 4
4
5 #include <iostream>
6 using namespace std;
7
8 main ()
9 {
10     int a = 25;
11     cout << a + 1;
12 }
```

The output window shows the number 26, followed by a separator line, and then the message: "Process exited after 0.1349 seconds with return value 0. Press any key to continue . . . |".

Soal 3 :



The screenshot shows a C++ IDE with a file named 'Latihan1_Pert4.cpp'. The code is as follows:

```
1 // Muhammad Jiwa Islamutidar
2 // 241011401525
3 // Pertemuan 4
4
5 #include <iostream>
6 using namespace std;
7
8 main ()
9 {
10     int a = 25;
11     a = a + 1;
12     cout << a;
13 }
```

The output window shows the number 26, followed by a separator line, and then the message: "Process exited after 0.1186 seconds with return value 0. Press any key to continue . . . |".

Soal 4 :

```
Latihan1_Pert4.cpp Soal 2.cpp Soal 3.cpp Soal 4.cpp
1 // Muhammad Jiwa Islamutidar
2 // 241011401525
3 // Pertemuan 4
4
5 #include <iostream>
6 using namespace std;
7
8 main () {
9     int a = 5;
10    cout << a + 2 << endl;
11    cout << a;
12 }
```

```
C:\Users\Jiwa\Documents\Soal 4.cpp
7
5
-----
Process exited after 0.09614 seconds with return value 0
Press any key to continue . . .
```

Soal 5 :

```
Latihan1_Pert4.cpp Soal 2.cpp Soal 3.cpp Soal 4.cpp Soal 5.cpp
1 // Muhammad Jiwa Islamutidar
2 // 241011401525
3 // Pertemuan 4
4
5 #include <iostream>
6 using namespace std;
7
8 main () {
9     int a, b;
10    a = 5;
11    b = 2;
12    cout << a << endl;
13    cout << b;
14 }
```

```
C:\Users\Jiwa\Documents\Soal 5.cpp
5
2
-----
Process exited after 0.09153 seconds with return value 0
Press any key to continue . . .
```

Soal 6 :

```
Latihan1_Pert4.cpp Soal 2.cpp Soal 3.cpp Soal 4.cpp Soal 5.cpp Soal 6.cpp
1 // Muhammad Jiwa Islamutidar
2 // 241011401525
3 // Pertemuan 4
4
5 #include <iostream>
6 using namespace std;
7
8 main () {
9     int a, b, c;
10    a = 7;
11    b = (a / 2) * 2;
12    c = a - b;
13    cout << c;
14 }
```

```
C:\Users\Jiwa\Documents\Soal 6.cpp
1
-----
Process exited after 0.09759 seconds with return value 0
Press any key to continue . . .
```

Soal 7 :

```
Latihan1_Pert4.cpp Soal 2.cpp Soal 3.cpp Soal 7.cpp
1 // Muhammad Jiwa Islamutidar
2 // 241011401525
3 // Pertemuan 4
4
5 #include <iostream>
6 using namespace std;
7
8 main () {
9     int a = 5, b = 2, x;
10    x = a;
11    a = b;
12    b = x;
13    cout << a << endl;
14    cout << b;
15 }
```

```
C:\Users\Jiwa\Documents\Soal 7.cpp
2
5
-----
Process exited after 0.1001 seconds with return value 0
Press any key to continue . . .
```

Soal 8 :

```
Latihan1_Pert4.cpp Soal 8.cpp
1 // Muhammad Jiwa Islamutidar
2 // 241011401525
3 // Pertemuan 4
4
5 #include <iostream>
6 using namespace std;
7
8 main () {
9     int a, b;
10    a = 2;
11    b = 4;
12
13    cout << a + b + 1;
14 }
```

```
C:\Users\Jiwa\Documents\Soal 8.cpp
7
-----
Process exited after 0.09521 seconds with return value 0
Press any key to continue . . .
```

Soal 9 :

```
Latihan1_Pert4.cpp Soal 8.cpp Soal 9.cpp
1 // Muhammad Jiwa Islamutidar
2 // 241011401525
3 // Pertemuan 4
4
5 #include <iostream>
6 using namespace std;
7
8 main () {
9     int a, b, c, d, e;
10    a = 3;
11    b = 4;
12    c = 1;
13    d = 2;
14    e = (a + b - c) * 2;
15    cout << e;
16
17 }
```

```
C:\Users\Jiwa\Documents\Soal 9.cpp
12
-----
Process exited after 0.09152 seconds with return value 0
Press any key to continue . . .
```

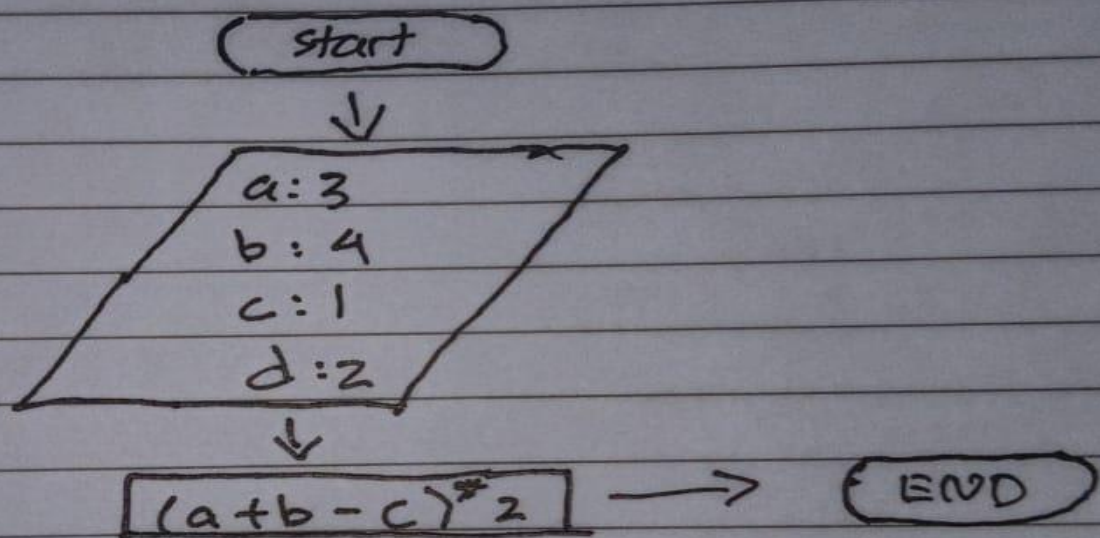
Flowchart Soal 9 :

Muhammad Jiwa Istamutidar

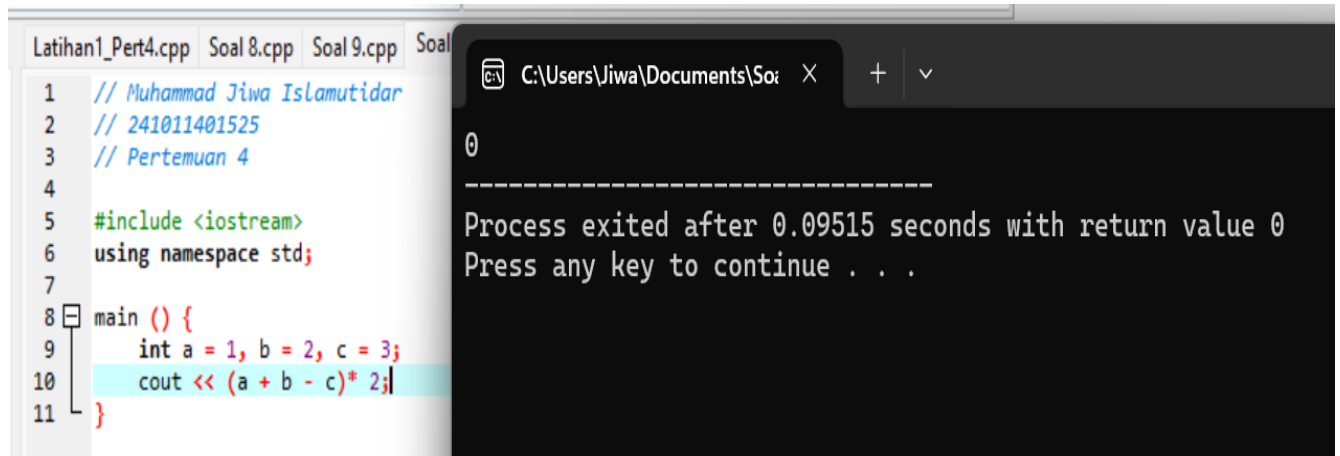
291011401525

Pertemuan 9

Flowchart



Soal 10 :



The image shows a C++ IDE with two windows. The left window displays a C++ program, and the right window shows the program's output.

```
1 // Muhammad Jiwa Islamutidar
2 // 241011401525
3 // Pertemuan 4
4
5 #include <iostream>
6 using namespace std;
7
8 main () {
9     int a = 1, b = 2, c = 3;
10    cout << (a + b - c) * 2;
11 }
```

The output window shows the result of the program execution:

```
0
-----
Process exited after 0.09515 seconds with return value 0
Press any key to continue . . .
```