

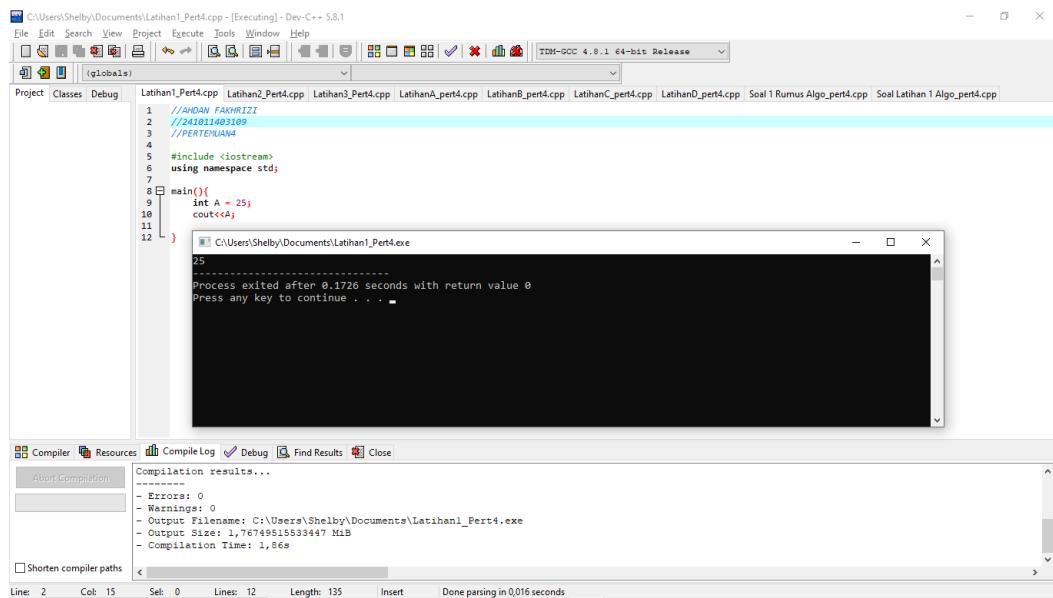
**Nama : ahdan fakhrizi**

**Nim : 241011403109**

## Pertemuan 4

**soal aritmatika cout (\_)**

**1.**



The screenshot shows the Dev-C++ IDE interface. The code editor window displays the following C++ code:

```
1 //AHDAN FAKHRIZI
2 //241011403109
3 //PERTEMUAN4
4
5 #include <iostream>
6 using namespace std;
7
8 int main(){
9     int A = 25;
10    cout<<A;
11 }
12 }
```

The output window shows the execution results:

```
25
Process exited after 0.1726 seconds with return value 0
Press any key to continue . . .
```

The compiler log window at the bottom shows the compilation results:

```
Compilation results...
-----
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Shelby\Documents\Latihan1_Pert4.exe
- Output Size: 1,76749515533447 MiB
- Compilation Time: 1,96s
```

Below the log window, status information is displayed:

Line: 2 Col: 15 Sek: 0 Lines: 12 Length: 135 Insert Done parsing in 0,016 seconds

The screenshot shows the Dev-C++ IDE interface. The main window displays the code for `Latihan3_Pert4.cpp`:

```
1 //AHADAN FAHRIZZI
2 //241011403109
3 //PERTEMUAN4
4
5 #include <iostream>
6 using namespace std;
7
8 int main(){
9     int A = 25;
10    cout<<A;
11 }
12 }
```

The output window shows the program's output:

```
C:\Users\Shelby\Documents\Latihan3_Pert4.exe
25
Process exited after 0.2053 seconds with return value 0
Press any key to continue . . .
```

The Compiler tab in the bottom right shows the compilation results:

```
Compilation results...
-----
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Shelby\Documents\Latihan3_Pert4.exe
- Output Size: 1,76749515533447 MiB
- Compilation Time: 1,72s
```

2.

The screenshot shows the Dev-C++ IDE interface. The main window displays the code for `Latihan2_Pert4.cpp`:

```
1 //AHADAN FAHRIZZI
2 //241011403109
3 //PERTEMUAN4
4
5 #include <iostream>
6 using namespace std;
7
8 int main(){
9     int A = 25;
10    cout<<A+1;
11 }
12 }
```

The output window shows the program's output:

```
C:\Users\Shelby\Documents\Latihan2_Pert4.exe
26
Process exited after 0.1544 seconds with return value 0
Press any key to continue . . .
```

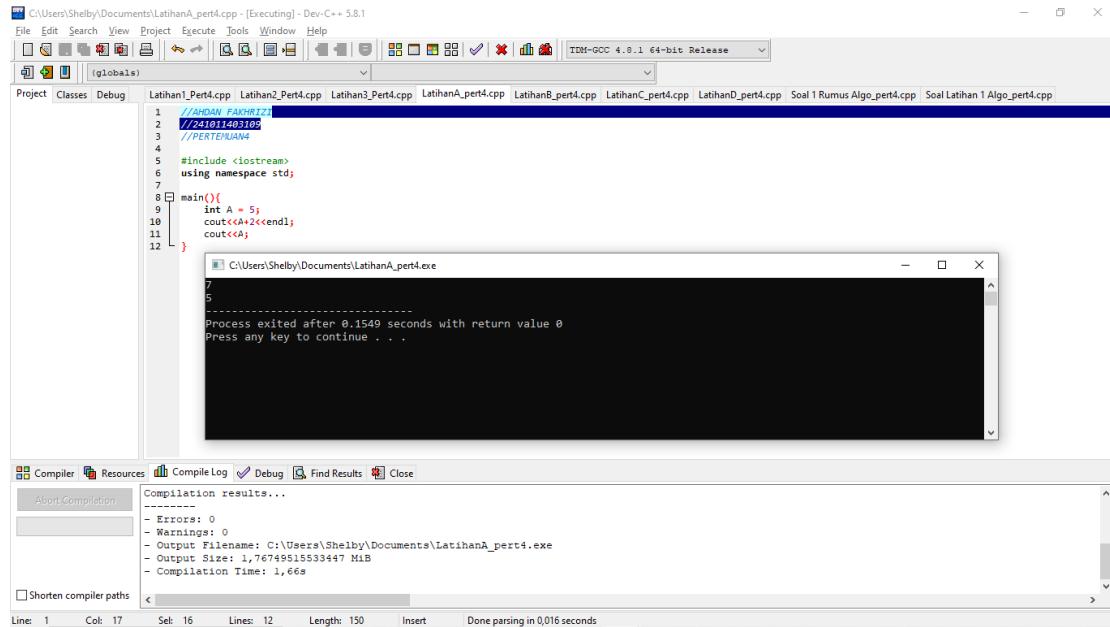
The Compiler tab in the bottom right shows the compilation results:

```
Compilation results...
-----
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Shelby\Documents\Latihan2_Pert4.exe
- Output Size: 1,76749515533447 MiB
- Compilation Time: 1,67s
```

3.

## SOAL $(a+b+c)*2$

1.

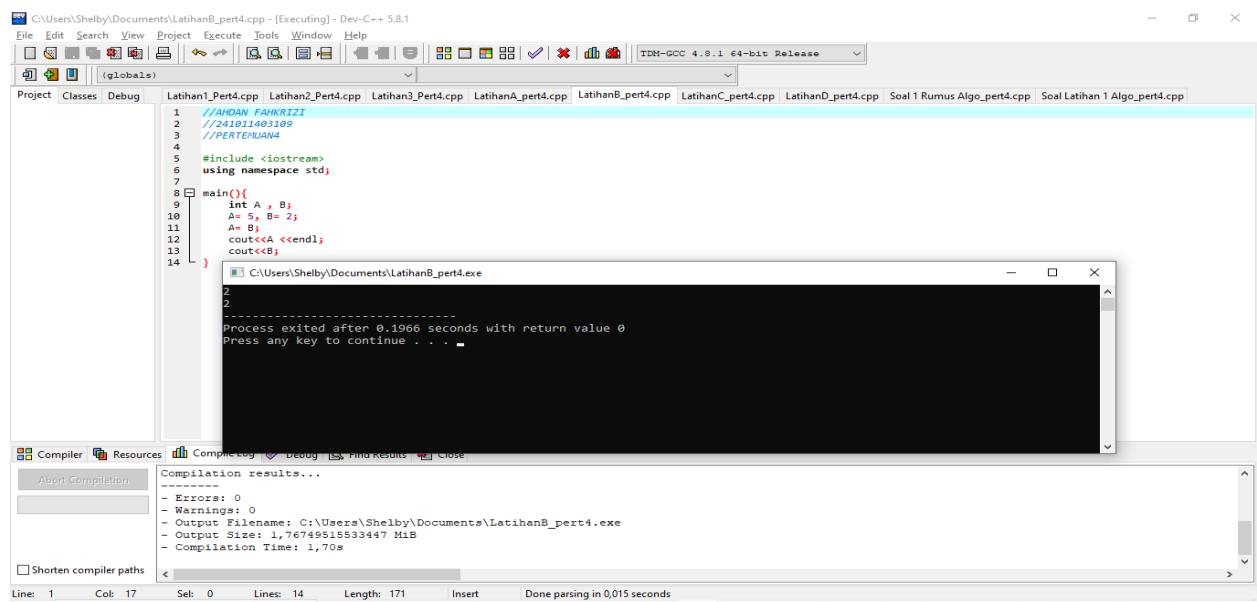


```
1 //ANDAN FAHKIRIZI
2 //241011403109
3 //
4
5 #include <iostream>
6 using namespace std;
7
8 int main()
9 {
10     int A = 5;
11     cout<<A<<endl;
12     cout<<A;
13 }
```

```
C:\Users\Shelby\Documents\LatihanA_pert4.exe
7
5
-----
Process exited after 0.1549 seconds with return value 0
Press any key to continue . . .
```

Compiler Results...  
Compilation results...  
- Errors: 0  
- Warnings: 0  
- Output Filename: C:\Users\Shelby\Documents\LatihanA\_pert4.exe  
- Output Size: 1,76749515533447 Mib  
- Compilation Time: 1,66s

2.



```
1 //ANDAN FAHKIRIZI
2 //241011403109
3 //
4
5 #include <iostream>
6 using namespace std;
7
8 int main()
9 {
10     int A = 5;
11     int B = 2;
12     int C = 3;
13     cout<<A <<endl;
14     cout<<B;
15 }
```

```
C:\Users\Shelby\Documents\LatihanB_pert4.exe
2
2
-----
Process exited after 0.1966 seconds with return value 0
Press any key to continue . . .
```

Compiler Results...  
Compilation results...  
- Errors: 0  
- Warnings: 0  
- Output Filename: C:\Users\Shelby\Documents\LatihanB\_pert4.exe  
- Output Size: 1,76749515533447 Mib  
- Compilation Time: 1,70s

# LATIHAN 4 SOAL

1.

The screenshot shows the Dev-C++ IDE interface. The code editor contains the following C++ code:

```
1 //AHDAN FAKHRIZI
2 //241011403109
3 //PERTEMUAN4
4
5 #include <iostream>
6 using namespace std;
7
8 int main(){
9     int A , B, C;
10    A = 7;
11    B = (A/2)*2;
12    C= A-B;
13    cout<<C;
14 }
```

The output window shows the execution results:

```
C:\Users\Shelby\Documents\LatihanC_pert4.exe
1

Process exited after 0.1624 seconds with return value 0
Press any key to continue . . .
```

The compiler output window shows:

```
Compilation results...
-----
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Shelby\Documents\LatihanC_pert4.exe
- Output Size: 1,76749515533447 MiB
- Compilation Time: 1,89s
```

2.

The screenshot shows the Dev-C++ IDE interface. The code editor contains the following C++ code:

```
1 //AHDAN FAKHRIZI
2 //241011403109
3 //PERTEMUAN4
4
5 #include <iostream>
6 using namespace std;
7
8 int 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 }
```

The output window shows the execution results:

```
C:\Users\Shelby\Documents\LatihanD_pert4.exe
2
5

Process exited after 0.6789 seconds with return value 0
Press any key to continue . . .
```

The compiler output window shows:

```
Compilation results...
-----
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Shelby\Documents\LatihanD_pert4.exe
- Output Size: 1,76749515533447 MiB
- Compilation Time: 1,66s
```

### 3.

The screenshot shows the Dev-C++ IDE interface. The project navigation bar at the top lists several files: Latihan1\_Pert4.cpp, Latihan2\_Pert4.cpp, Latihan3\_Pert4.cpp, LatihanA\_pert4.cpp, LatihanB\_pert4.cpp, LatihanC\_pert4.cpp, LatihanD\_pert4.cpp, Soal 1 Rumus Algo\_pert4.cpp, and Soal Latihan 1 Algo\_pert4.cpp. The main code editor window displays the following C++ code:

```
1 //ANDAN FAKHRIZI
2 //2410111403109
3 //PERTEMUAN4
4
5 #include <iostream>
6 using namespace std;
7
8 main()
9 {
10    int a,b,c;
11    a=2;
12    b=4;
13    c=2;
14    cout<<(a+b+c)*2;
}
```

To the right of the editor is a terminal window titled "C:\Users\Shelby\Documents\Soal 1 Rumus Algo\_pert4.exe" showing the output of the program:

```
16
Process exited after 0.2407 seconds with return value 0
Press any key to continue . . .
```

Below the terminal is a "Compiler Log" tab showing the compilation results:

```
Compilation results...
-----
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Shelby\Documents\Soal 1 Rumus Algo_pert4.exe
- Output Size: 1,76752185821533 MiB
- Compilation Time: 1,69s
```

At the bottom of the interface, status information is displayed: Line: 1 Col: 17 Sel: 0 Lines: 14 Length: 161 Insert Done parsing in 0,031 seconds.

### 4.

The screenshot shows the Dev-C++ IDE interface. The project navigation bar at the top lists several files: Latihan1\_Pert4.cpp, Latihan2\_Pert4.cpp, Latihan3\_Pert4.cpp, LatihanA\_pert4.cpp, LatihanB\_pert4.cpp, LatihanC\_pert4.cpp, LatihanD\_pert4.cpp, Soal 1 Rumus Algo\_pert4.cpp, and Soal Latihan 1 Algo\_pert4.cpp. The main code editor window displays the following C++ code:

```
1 //ANDAN FAKHRIZI
2 //2410111403109
3 //PERTEMUAN4
4
5 #include <iostream>
6 using namespace std;
7
8 main()
9 {
10    int a, b, e, r, u;
11    a=1;
12    b=5;
13    e=0;
14    r=8;
15    u="15-0+8";
16    cout<<u;
}
```

To the right of the editor is a terminal window titled "C:\Users\Shelby\Documents\Soal Latihan 1 Algo\_pert4.exe" showing the output of the program:

```
13
Process exited after 0.1613 seconds with return value 0
Press any key to continue . . .
```

Below the terminal is a "Compiler Log" tab showing the compilation results:

```
Compilation results...
-----
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Shelby\Documents\Soal Latihan 1 Algo_pert4.exe
- Output Size: 1,76752376556396 MiB
- Compilation Time: 1,72s
```

At the bottom of the interface, status information is displayed: Line: 1 Col: 17 Sel: 0 Lines: 16 Length: 174 Insert Done parsing in 0,016 seconds.

# TUGAS FLOW CHART

