

TUGAS ALGORITMA DAN PEMROGRAMAN

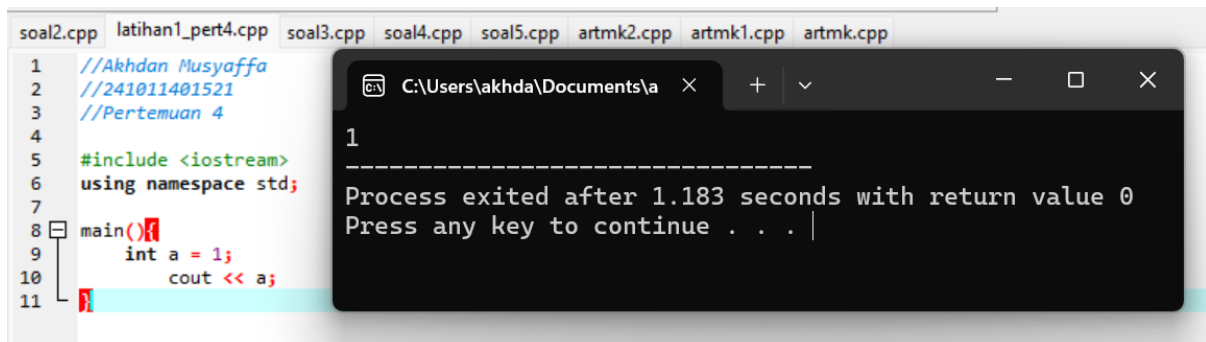
PERTEMUAN 4

NAMA : AKHDAN MUSYAFFA

KELAS : 01TPLP041

PERTEMUAN : 4

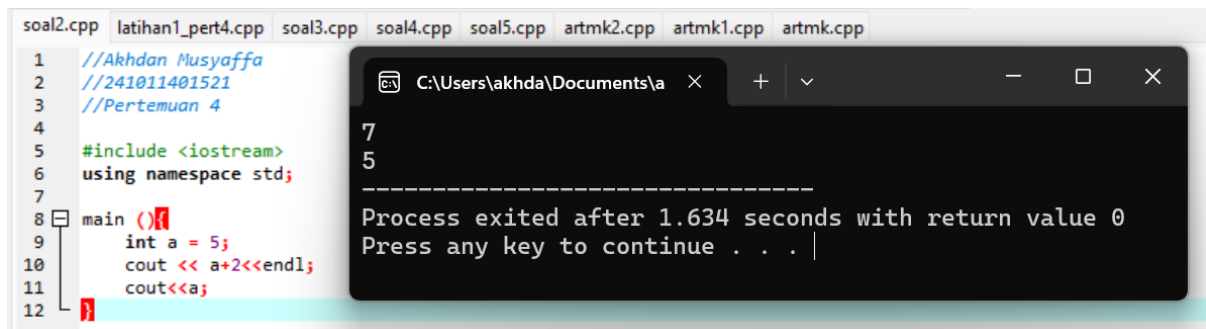
SOAL 1



```
soal2.cpp | latihan1_pert4.cpp | soal3.cpp | soal4.cpp | soal5.cpp | artmk2.cpp | artmk1.cpp | artmk.cpp
1 //Akhdan Musyaffa
2 //241011401521
3 //Pertemuan 4
4
5 #include <iostream>
6 using namespace std;
7
8 main()
9 {
10     int a = 1;
11     cout << a;
12 }
```

```
1
-----
Process exited after 1.183 seconds with return value 0
Press any key to continue . . .
```

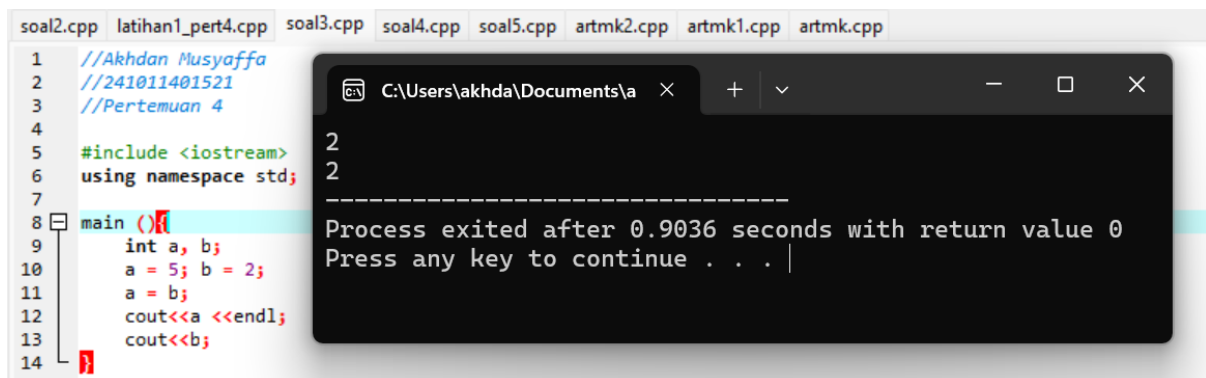
SOAL 2



```
soal2.cpp | latihan1_pert4.cpp | soal3.cpp | soal4.cpp | soal5.cpp | artmk2.cpp | artmk1.cpp | artmk.cpp
1 //Akhdan Musyaffa
2 //241011401521
3 //Pertemuan 4
4
5 #include <iostream>
6 using namespace std;
7
8 main ()
9 {
10     int a = 5;
11     cout << a+2<<endl;
12     cout<<a;
13 }
```

```
7
5
-----
Process exited after 1.634 seconds with return value 0
Press any key to continue . . .
```

SOAL 3



```
soal2.cpp | latihan1_pert4.cpp | soal3.cpp | soal4.cpp | soal5.cpp | artmk2.cpp | artmk1.cpp | artmk.cpp
1 //Akhdan Musyaffa
2 //241011401521
3 //Pertemuan 4
4
5 #include <iostream>
6 using namespace std;
7
8 main ()
9 {
10     int a, b;
11     a = 5; b = 2;
12     a = b;
13     cout<<a <<endl;
14     cout<<b;
15 }
```

```
2
2
-----
Process exited after 0.9036 seconds with return value 0
Press any key to continue . . .
```

SOAL 4

```
soal2.cpp latihan1_pert4.cpp soal3.cpp soal4.cpp soal5.cpp artmk2.cpp artmk1.cpp artmk.cpp
1 //Akhdan Musyaffa
2 //241011401521
3 //Pertemuan 4
4
5 #include <iostream>
6 using namespace std;
7
8 main()
9 {
10     int a, b, c;
11     a = 7;
12     b = (a / 2) * 2;
13     c = a - b;
14     cout<<c;
15 }
```

```
C:\Users\akhda\Documents\akhdan\Documents\soal4\soal4.cpp
1
-----
Process exited after 0.9188 seconds with return value 0
Press any key to continue . . .
```

SOAL 5

```
soal2.cpp latihan1_pert4.cpp soal3.cpp soal4.cpp soal5.cpp artmk2.cpp artmk1.cpp artmk.cpp
1 //Akhdan Musyaffa
2 //241011401521
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 }
```

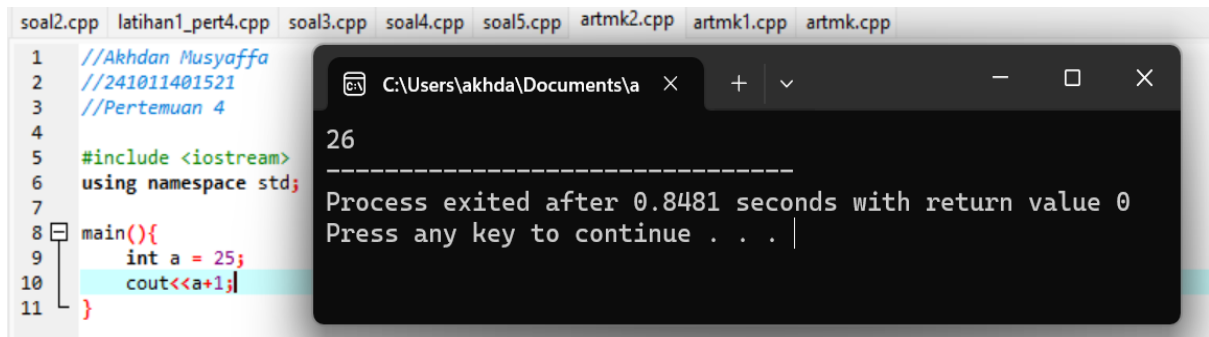
```
C:\Users\akhda\Documents\akhdan\Documents\soal5\soal5.cpp
2
5
-----
Process exited after 1.72 seconds with return value 0
Press any key to continue . . .
```

SOAL 6

```
soal2.cpp latihan1_pert4.cpp soal3.cpp soal4.cpp soal5.cpp artmk2.cpp artmk1.cpp artmk.cpp
1 //Akhdan Musyaffa
2 //241011401521
3 //Pertemuan 4
4
5 #include <iostream>
6 using namespace std;
7
8 main(){
9     int a = 25;
10     cout<<a;
11 }
```

```
C:\Users\akhda\Documents\akhdan\Documents\soal6\soal6.cpp
25
-----
Process exited after 0.8561 seconds with return value 0
Press any key to continue . . .
```

SOAL 7



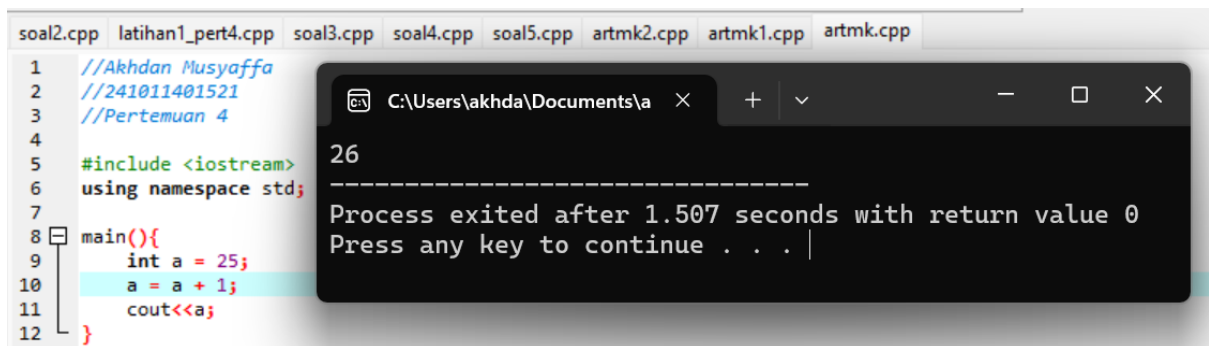
The screenshot shows a C++ IDE with a file explorer at the top containing files: soal2.cpp, latihan1_pert4.cpp, soal3.cpp, soal4.cpp, soal5.cpp, artmk2.cpp, artmk1.cpp, and artmk.cpp. The code editor on the left shows the following code:

```
1 //Akhdan Musyaffa
2 //241011401521
3 //Pertemuan 4
4
5 #include <iostream>
6 using namespace std;
7
8 main(){
9     int a = 25;
10    cout<<a+1;
11 }
```

The output window on the right shows the following text:

```
C:\Users\akhda\Documents\akhdan\Documents\soal7.cpp
26
-----
Process exited after 0.8481 seconds with return value 0
Press any key to continue . . .
```

SOAL 8



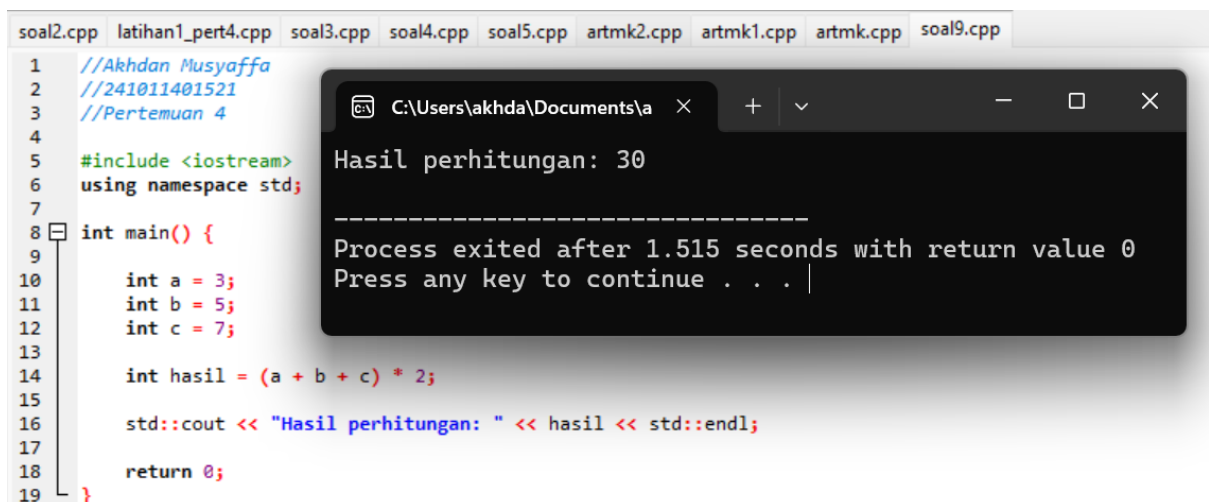
The screenshot shows a C++ IDE with a file explorer at the top containing files: soal2.cpp, latihan1_pert4.cpp, soal3.cpp, soal4.cpp, soal5.cpp, artmk2.cpp, artmk1.cpp, and artmk.cpp. The code editor on the left shows the following code:

```
1 //Akhdan Musyaffa
2 //241011401521
3 //Pertemuan 4
4
5 #include <iostream>
6 using namespace std;
7
8 main(){
9     int a = 25;
10    a = a + 1;
11    cout<<a;
12 }
```

The output window on the right shows the following text:

```
C:\Users\akhda\Documents\akhdan\Documents\soal8.cpp
26
-----
Process exited after 1.507 seconds with return value 0
Press any key to continue . . .
```

SOAL 9



The screenshot shows a C++ IDE with a file explorer at the top containing files: soal2.cpp, latihan1_pert4.cpp, soal3.cpp, soal4.cpp, soal5.cpp, artmk2.cpp, artmk1.cpp, artmk.cpp, and soal9.cpp. The code editor on the left shows the following code:

```
1 //Akhdan Musyaffa
2 //241011401521
3 //Pertemuan 4
4
5 #include <iostream>
6 using namespace std;
7
8 int main() {
9
10    int a = 3;
11    int b = 5;
12    int c = 7;
13
14    int hasil = (a + b + c) * 2;
15
16    std::cout << "Hasil perhitungan: " << hasil << std::endl;
17
18    return 0;
19 }
```

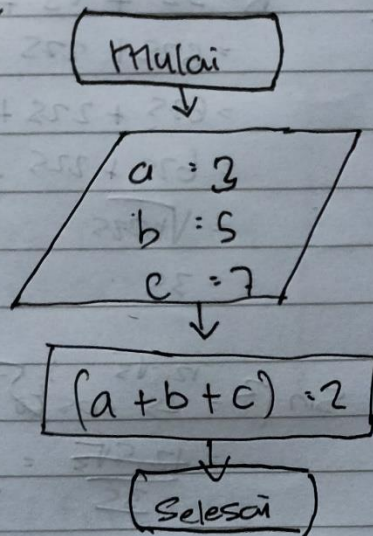
The output window on the right shows the following text:

```
C:\Users\akhda\Documents\akhdan\Documents\soal9.cpp
Hasil perhitungan: 30
-----
Process exited after 1.515 seconds with return value 0
Press any key to continue . . .
```

Akhda Musyaffa
241011401521

Buatlah suatu flowchart dari persamaan matematika berikut dan tulis persamaan matematika berikut dalam bahasa pemrograman :

$$(A + B + C) \cdot 2$$



SOAL 10

soal2.cpp latihan1_pert4.cpp soal3.cpp soal4.cpp soal5.cpp artmk2.cpp artmk1.cpp artmk.cpp soal10.cpp [*] soal9.cpp

```
1 //Akhdan Musyaffa
2 //241011401521
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 }
```

C:\Users\akhda\Documents\soal10.cpp x + - □ ×

0

Process exited after 0.9624 seconds with return value 0

Press any key to continue . . .