

## ALGORITMA DAN PEMROGRAMAN

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PERTEMUAN 4

### LATIHAN 1 pert4

The screenshot shows the Dev-C++ IDE interface. The menu bar includes File, Edit, Search, View, Project, Execute, Tools, AStyle, Window, and Help. The toolbar contains various icons for file operations. The title bar indicates "C:\Users\Lenovo\Favorites\LATIHAN1\_pert4.cpp.cpp - [Executing] - Dev-C++ 5.11". The project list shows "LATIHAN1\_pert4.cpp". The code editor displays the following C++ code:

```
1 #include <iostream>
2 using namespace std;
3
4 int main(){
5     int A=25;
6     cout << A;
7 }
8
```

To the right, a terminal window titled "C:\Users\Lenovo\Favorites\LATIHAN1\_pert4.cpp.exe" shows the output:

```
25
-----
Process exited after 11.46 seconds with return value 0
Press any key to continue . . .
```

### LATIHAN 2 pert4

The screenshot shows the Dev-C++ IDE interface. The menu bar includes File, Edit, Search, View, Project, Execute, Tools, AStyle, Window, Help, and a TDM-GCC 4.9.2 32-bit Profiling dropdown. The toolbar contains various icons for file operations. The title bar indicates "C:\Users\Lenovo\Favorites\LATIHAN2\_pert4.cpp.cpp - [Executing] - Dev-C++ 5.11". The project list shows "LATIHAN1\_pert4.cpp" and "LATIHAN2\_pert4.cpp". The code editor displays the following C++ code:

```
1 #include <iostream>
2 using namespace std;
3
4 int main(){
5     int A=25;
6     cout << A+1;
7 }
8
9 }
```

To the right, a terminal window titled "C:\Users\Lenovo\Favorites\LATIHAN2\_pert4.cpp.exe" shows the output:

```
26
-----
Process exited after 15.75 seconds with return value 0
Press any key to continue . . .
```

### LATIHAN 3 pert4

The screenshot shows the Dev-C++ IDE interface. The menu bar includes File, Edit, Search, View, Project, Execute, Tools, AStyle, Window, and Help. The toolbar contains various icons for file operations like Open, Save, and Build. The status bar at the bottom right indicates "TDM-GCC 4.9.2 32-bit Profiling". The main window has tabs for "Project", "Classes", and "Debug". The "Debug" tab is selected, showing two files: "LATIHAN3\_pert4.cpp" and "LATIHAN2\_pert4.cpp". The code editor displays the following C++ code:

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

To the right of the code editor is a terminal window titled "C:\Users\Lenovo\Favorites\LATIHAN3\_pert4.cpp.exe". It shows the output of the program:

```
26
-----
Process exited after 15.55 seconds with return value 0
Press any key to continue . . .
```

### LATIHAN A pert4

The screenshot shows the Dev-C++ IDE interface. The menu bar includes File, Edit, Search, View, Project, Execute, Tools, AStyle, Window, Help, and a separator line. The toolbar contains various icons for file operations like Open, Save, and Build. The status bar at the bottom right indicates "TDM-GCC 4.9.2 32-bit Profiling". The main window has tabs for "Project", "Classes", and "Debug". The "Debug" tab is selected, showing four files: "LATIHAN1\_pert4.cpp", "LATIHAN2\_pert4.cpp", "LATIHAN3\_pert4.cpp", and "LATIHAN4\_pert4.cpp". The code editor displays the following C++ code:

```
1 #include <iostream>
2 using namespace std;
3
4 int main()
5 {
6     int a=5;
7     cout<<a+2<<endl;
8     cout<<a;
9 }
10 }
```

To the right of the code editor is a terminal window titled "C:\Users\Lenovo\Favorites\LATIHAN4\_pert4.cpp.exe". It shows the output of the program:

```
7
5
-----
Process exited after 15.59 seconds with return value 0
Press any key to continue . . .
```

## LATIHAN B pert4

The screenshot shows the Dev-C++ IDE interface. The title bar indicates the file is executing. The menu bar includes File, Edit, Search, View, Project, Execute, Tools, AStyle, Window, and Help. The toolbar contains various icons for file operations. The project navigation bar lists several files: LATIHAN1\_pert4.cpp, LATIHAN2\_pert4.cpp, LATIHAN3\_pert4.cpp, LATIHANA\_pert4.cpp, LATIHANB\_pert4.cpp, and LATIHANB\_pert4.cpp. The code editor displays the following C++ code:

```
1 #include <iostream>
2 using namespace std;
3
4 main()
5 {
6     int A, B;
7     A = 5; B = 2;
8     A = B;
9     cout<<A <<endl;
10    cout<<B;
11 }
```

The output window shows the execution results:

```
C:\Users\Lenovo\Favorites\LATIHANB_pert4.cpp.exe
2
2
-----
Process exited after 15.53 seconds with return value 0
Press any key to continue . . .
```

## LATIHAN C pert4

The screenshot shows the Dev-C++ IDE interface. The title bar indicates the file is executing. The menu bar includes File, Edit, Search, View, Project, Execute, Tools, AStyle, Window, and Help. The toolbar contains various icons for file operations. The project navigation bar lists several files: LATIHAN1\_pert4.cpp, LATIHAN2\_pert4.cpp, LATIHAN3\_pert4.cpp, LATIHANA\_pert4.cpp, LATIHANB\_pert4.cpp, and LATIHANC\_pert4.cpp. The code editor displays the following C++ code:

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

The output window shows the execution results:

```
C:\Users\Lenovo\Favorites\LATIHANC_pert4.cpp.exe
1
-----
Process exited after 15.68 seconds with return value 0
Press any key to continue . . .
```

## LATIHAN D pert4

The screenshot shows the Dev-C++ IDE interface. The title bar indicates the file is executing. The menu bar includes File, Edit, Search, View, Project, Execute, Tools, AStyle, Window, Help. The toolbar has standard icons for opening files, saving, running, and stopping. The status bar at the bottom right says "TDM-GCC 4.9.2 32-bit Profiling". The project tab bar shows multiple files: LATIHAN1\_pert4.cpp, LATIHAN2\_pert4.cpp, LATIHAN3\_pert4.cpp, LATIHANA\_pert4.cpp, LATIHANB\_pert4.cpp, LATIHANC\_pert4.cpp, and LATIHAD\_pert4.cpp. The code editor window contains the following C++ code:

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

The output window shows the execution results:

```
2
5
-----
Process exited after 15.68 seconds with return value 0
Press any key to continue . . .
```

## LATIHAN E pert4

The screenshot shows the Dev-C++ IDE interface. The title bar indicates the file is executing. The menu bar includes File, Edit, Search, View, Project, Execute, Tools, AStyle, Window, Help. The toolbar has standard icons for opening files, saving, running, and stopping. The status bar at the bottom right says "TDM-GCC 4.9.2 32-bit Profiling". The project tab bar shows multiple files: LATIHAN1\_pert4.cpp, LATIHAN2\_pert4.cpp, LATIHAN3\_pert4.cpp, LATIHANA\_pert4.cpp, LATIHAD\_pert4.cpp, LATIHANC\_pert4.cpp, and LATIHANE\_pert4.cpp. The code editor window contains the following C++ code:

```
1 #include <iostream>
2 using namespace std;
3
4 main()
5 {
6     int A, B, C, D, E, F;
7     A = 1;
8     B = 2;
9     C = 3;
10    D = 4;
11    E = 5;
12    F = (A + B / C - D * E);
13    cout<<F;
14 }
15 }
```

The output window shows the execution results:

```
-19
-----
Process exited after 15.74 seconds with return value 0
Press any key to continue . . .
```

FLOWCHARD

