


1. Buat program Password

The image shows two screenshots of the Dev-C++ IDE. The top screenshot displays the source code for a C++ program named 6.cpp. The code includes headers for iostream, conio, and string, and uses the std namespace. The main function prompts the user for their ID and password. It uses a loop to allow up to three attempts. The password input is validated to only accept alphanumeric characters. The bottom screenshot shows the same code after compilation. The compiler output window at the bottom indicates that the program compiled successfully with no errors or warnings. The output file is named 6.exe and is located in the directory D:\Tugas\Coding\Prokom icul\tugas kuliah\6.exe. The compilation time was 1.66s.

```
1 #include<iostream>
2 #include<conio.h>
3 #include<string>
4 using namespace std;
5
6 int main()
7 {
8     char c;
9     int i;
10    string pass="",user;
11    cout<<"==Program Input Password==\n";
12    for(i=1;i<=3;i++)
13    {
14        cout<<"ID Name : ";cin>>user;
15        cout<<"Password : ";
16        c=getch();
17        while(c!='\n'&&c!=18)
18        {
19            c=getch();
20            if (c>='0'&&c<='9' || c>='a'&&c<='z' || c>='A'&&c<='Z')
21            {
22                pass+=c;
23                cout<<"*";
24            }
25        }
26
27        if(pass=="IculGanteng"&&user=="riqulaziz")
28        {
29            cout<<"\nSelamat datang, halo saya icul";
30            return 0;
31        }
32        else
33        {
34            cout<<"\nMaaf silahkan diulangi lagi\n\n";
35            while(i<=3);
36            cout<<"Anda menginputkan Id / Pass sampai 3 kali \n Hayoo anda ingin ngehack akun ini ya ? :\n";
37            cout<<"Gaperlu kepo, kenalan aja ke ig nya @riqulaziz";
38            return 0;
39        }
40    }
```

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: D:\Tugas\Coding\Prokom icul\tugas kuliah\6.exe
- Output Size: 1.83591938018799 MiB
- Compilation Time: 1.66s

 D:\Tugas\Coding\Prokom icul\tugas kuliah\6.exe

```
==Program Input Password==  
ID Name : riqulaziz  
Password : *****  
Selamat datang, halo saya icul  
-----  
Process exited after 10.38 seconds with return value 0  
Press any key to continue . . .
```