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1.
```cpp
#include <iostream>
#include <fstream>
#include <string>

using namespace std;

bool Login()
{
        string username, password, un, pw;

        cout<<"username: ";
        cin>>username;
        cout<<"password: ";
        cin>>password;

        ifstream read("data.txt",ios::app);
        getline(read, un);
        getline(read, pw);

        if(un == username && pw==password){
                return true;
        }
        else{
                return false;
        }
}

int main()
{
        int choice;

        cout<<"1. register\n2. Login\nYour choice: ";
        cin>>choice;
        if(choice==1){
                string username, password;
                cout<<"select username: ";
                cin>>username;
                cout<<"select password: ";
                cin>>password;
```

```cpp
            ofstream file;
            file.open("data.txt",ios::app);
            file<<username<<endl<<password;
            file.close();

            main();
    }

    else if(choice==2){
            bool status = Login();
            if(!status){
                    cout<<"login gagal\n";
                    system("PAUSE");
                    return 0;
            }
            else
            {
                    cout<<"berhasil";
                    system("PAUSE");
                    return 1;
            }
    }
}
```