

```

#include <iostream>

using namespace std;

class Bank_account{
public:
double account_bal;
Bank_account( double bal)
{
this->account_bal=bal;
}
};

void menu(){
cout<<"Choice 1 ->Cash Withdrawal(Not allowed to withdraw more than K.D 1000\n";
cout<<"Choice 2-> Quick Withdrawal (No restrictions on the below limits\n";
cout<<" a. K.D. 50\n";
cout<<" b. K.D. 100\n";
cout<<" c. K.D. 250\n";
cout<<" d. K.D. 500\n";
cout<<"Choice 3-> Cash Deposit\n";
cout<<"Choice 4-> Show Balance\n";
cout<<"Choice 5-> Exit the program\n";

}

int main() {
cout<<"*****Welcome to the Bank Account
Manager*****\n";

cout<<"*****This program helps you to make cash withdrawals and
deposits*****\n";

cout<<"*****First you need to enter your current
balance*****\n";

cout<<"Next you can make a choice whether to do cash withdrawal, quick withdrawal,";

```

```
cout<<"cash deposit or display your balance\n";
```

```
string name;
```

```
const string declared_pass="A*B4";
```

```
string entered_pass;
```

```
long long int acc_number;
```

```
double curr_balance;
```

```
cout<<"Enter full name :\n";
```

```
getline(cin,name);
```

```
cout<<"Enter account number :\n";
```

```
cin>>acc_number;
```

```
cout<<"Enter the password :\n";
```

```
cin>>entered_pass;
```

```
cout<<entered_pass;
```

```
if(declared_pass!=entered_pass)
```

```
{
```

```
    cout<<entered_pass;
```

```
    cout<<"Sorry, password is incorrect\n";
```

```
}
```

```
else
```

```
{
```

```
    cout<<"Enter current balance :\n";
```

```
    cin>>curr_balance;
```

```
    Bank_account B(curr_balance);
```

```
    bool run=true;
```

```
    do{
```

```
        char choice;
```

```
        menu();
```

```
        cin>>choice;
```

```
        switch(choice)
```

```

{
    case '1':

        double amount;
        cin>>amount;
        if(amount>1000)
            cout<<"No withdrawal above K.D.1000\n";
        else
        {
            B.account_bal=B.account_bal-amount;

        }
        break;
    case '2':
        cout<<"Enter the amount:\n";
        double amt;
        cin>>amt;
        B.account_bal=B.account_bal-amt;
        break;
    case '3':
        cout<<"Enter the amount to be deposited:\n";
        double deposit;
        cin>>deposit;
        B.account_bal=B.account_bal+deposit;
        break;
    case '4':
        cout<<"Your available balance is :"<<B.account_bal<<endl;
        break;
    case '5':
        run=false;
        break;
}

```

```
        default:
            break;

    }
}while(run);
}

    return 0;
}
```