

```
1 #include<iostream>
2 #include<iomanip>
3 using namespace std;
4 int main()
5 {
6     int pin, op,c;
7     float n = 1000.000000, amnt, deposit, balance1;
8     float balance;
9     cout << "***** Welcome to your bank *****" << endl << "\n";
10    cout << "Enter your pin number please : ";
11    cin >> pin ;
12    cout << endl << "\n";
13    for (int i = 0; i <= 10000; i++)
14    {
15        cout << "Enter any option to be served!" << endl << "\n";
16        cout << "1. Balance Enquiry" << endl << "2. Cash Withdraw" << endl << "3. Deposit Cash" << endl << "4. Exit" << endl;
17        cout << "Enter your choice : ";
18        cin >> op;
19        cout << endl;
20        if (op == 1)
21        {
22            cout << "Your bank balance is : " << fixed << setprecision(6) << endl;
23        }
24        else if (op == 2)
25        {
26            cout << "Please enter amount to withdraw : ";
27            cin >> amnt;
28            cout << "Please collect your cash." << endl;
29            balance = n - amnt;
30            n = balance;
31            cout << "Your available balance is " << balance << endl;
32        }
33        else if (op == 3)
34        {
35            cout << "Please enter amount to deposit : ";
36            cin >> deposit;
37            balance1 = n + deposit;
38            cout << "Thank You for depositing, your new balance is : " << balance1 << endl;
39            n=balance1;
40        }
41        else if (op == 4)
42        {
43            cout << "Thank You for banking with us,have a nice day !";
44            return 0;
45        }
46        cout << "Do you want to perform another transaction ?" << endl << "
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        "Press 1 to proceed and 2 to exit." << endl;
47     cin >> c;
48     if (c == 2)
49     {
50         cout << "Thank You for banking with us, have a nice day !";
51         return 0;
52     }
53 }
54
55
56
57 }
58
```