```cpp
1: #include<iostream>
2:
3: using namespace std;
4:
5: int main(){
6: int pin = 0000;//default pin
7: int balance = 1000; //default balance
8: int wrong_pin_count=0;
9: int choice;
10: int receiver;
11:
12:
13: cout<<"welcome to Mobile Money Service"<<endl;
14: cout<<"1. Autthenticate"<<endl;
15: cout<<"2. Reset/change Pin"<<endl;
16: cout<<"3. Check Balance"<<endl;
17: cout<<"4. Send Money"<<endl;
18: cout<<"5. Exit"<<endl;
19: cout<<"ENTER YOUR CHOICE: ";
20: cin>>choice;
21:
22: switch (choice){
23:     case 1:{
24:         int entered_pin;
25:         cout<<"PLEASE ENTER YOUR PIN:\n ";
26:         cin>>entered_pin;
27:
28:
29:         if(entered_pin==pin){
30:             cout<<"Authentication successful"<<endl;
31:             wrong_pin_count=0;//reset wrong pin
32:         }
33:
34:         else{
35:             cout<<"Authentication failed!"<<endl;
36:             wrong_pin_count++;
37:
38:
39:         }
40:             if(wrong_pin_count ==3){
41:                 cout<<"TOO many attempts. Exiting program"<<endl;
42:                 return 0;
43:         }
44:         break;
45:         case 2:{
46:         int new_pin;
47:         cout<<"ENTER YOUR NEW PIN:";
48:         cin>>new_pin;
49:         pin==new_pin;
50:         cout<<"PIN changed successfully!"<<endl;
51:         break;
52:             case 3:{
53:                 cout<<"Please enter your pin: ";
54:                 cin>>pin;
55:                 if(pin==pin){
```

```cpp
56:                        cout<<"Your current balance is "<<balance<<".00GHC";
57:                        }
58:                            else if(entered_pin!=pin){
59:                            cout<<"Incorrect pin";
60:                    }
61:
62:                    break;
63:        }
64:     case 4:{
65:         float amount;
66:         cout<<"ENTER AMOUNT YOU WANT TO SEND: ";
67:         cin>>amount;
68:
69:         if(amount>balance){
70:             cout<<"Insufficient balance!"<<endl;
71:
72:         }
73:         else{
74:
75:             cout<<"Enter the reciever's mobile money number: ";
76:             cin>>receiver;
77:
78:             balance-=amount;
79:             cout<<"okay"<<endl;
80:
81:             cout<<"Please enter your pin: ";
82:             cin>>pin;
83:         }
84:         if(pin==pin){
85:             cout<<"An amount of "<<amount<<" has been sent to "<<receiver<<" successfully"<<e
86:     }
87:         else{
88:             cout<<"Incorrect mobile money pin";
89:             return 0;
90:         }
91: }
92: }
93: case 5:{
94:     cout<<"Exiting program...."<<endl;
95:     return 0;
96:     break;
97:     default:{
98:         cout<<"Invalid choice. Please try again."<<endl;
99:         break;
100:     }
101: }
102: }
103:
104:     return 0;
105: }
106: }
```