```cpp
#include <iostream>
#include <string>

using namespace std;

int main() {
    bool authenticated = false;
    string pin = "0000";
    string password;
    float balance = 1000;
    bool run = true;
    int option;
    while (run) {

        cout <<"Enter pin or 0 to exit\n";

        for (int x=0; x<3; x++) {

            cin >>password;

            if (password == pin){
                authenticated=true;
                break;
            } else if (password == "0"){
                run = false;
                break;
            } else {
                if (x == 2){
```

```cpp
                        run =
false;
                        break;
                    } else {
                        cout
<<"Try again or press 0 to exit:\n";
                    }
                }
            }

            if (authenticated){
                cout <<"1. To reset
pin\n";
                cout <<"2.To check
balance\n";
                cout <<"3. To
transfer money\n";
                cout <<"0. To exit\n";
                cin >> option;
                if (option==0){
                    run = false;
                } else if (option == 1)
{
                    cout <<"Enter
New Pin\n";
                    cin
>>password;
                    pin = password;
                    cout <<"Your
New pin Is: " << pin <<endl;
                }else if (option == 2){
```

```cpp
                            cout <<"Your
Current Balance Is GHS: " <<
balance <<endl;
                }else if (option == 3)
{
                        string number;
                        float amount;
                        cout <<"Enter
Recipient Number: \n";
                        cin  >>number;
                        cout <<"Enter
Amount \n";
                        cin  >>amount;
                        if (amount >
balance){
                            cout
<<"Not Enough Funds. \n";
                        } else {
                            balance -=
amount;
                            cout
<<"GHS" << amount <<"Has been
sent to " << number <<endl;
                            cout
<<"Your Current Balance Is GHS "
<< balance <<endl;
                    }
                }
        }
    }
    return 0;
```

}