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#include <iostream>
```

```
#include <string>
```

```
using namespace std;
```

```
int main() {
```

```
    // initialize variables
```

```
    int code = 170;
```

```
    string pin = "0000";
```

```
    int balance = 1000;
```

```
    int attempts = 0;
```

```
    int option = 0;
```

```
    int receivernumber;
```

```
    // loop until exit option is selected
```

```
    while (option != 4) {
```

```
        // prompt user to code
```

```
        int input_code;
```

```
        cout << "Please enter your code: ";
```

```
        cin >> input_code;
```

```
        // check if PIN is correct
```

```
        if (input_code == code) {
```

```
            attempts = 0; // reset attempts if correct
```

```
            // display menu and get user's choice
```

```
            cout << "1. Reset PIN" << endl;
```

```
            cout << "2. Check balance" << endl;
```

```
cout << "3. Send money" << endl;
cout << "4. Exit" << endl;
cout << "Please select an option: ";
cin >> option;
// handle selected option
switch (option) {
case 1: // reset PIN
cout << "Enter old pin: ";
cin >> pin;
cout << "Enter new pin." << endl;
cin>>pin;
cout <<"Pin changed successfully"<< endl;
break;

case 2: // check balance
cout<<"Enter your pin"<< endl;
cin>>pin;
cout<<"Your balance is:"<<balance<< "cedis"<< endl;
break;

case 3: // send money
cout<<"receiver number"<< endl;
cin>>receivernumber;
int amount;
cout << "Enter amount to send: ";
cin >> amount;
cout<<"Enter your pin"<< endl;
cin>>pin;
```

```

ccout <<"Enter your reference"<<;
endlcin >>referen

    if (amount <= balance) {
balance -= amount;
cout << "Money sent successfully." << endl;
cout << "New balance is " << balance << " cedis." << endl;
    } else {
cout << "Insufficient funds." << endl;
    }
break;
case 4: // exit
cout << "Exiting program." << endl;
break;
default:
cout << "Invalid option selected." << endl;
    }
    } else {
attempts++; // increment attempts if incorrect
if (attempts >= 3) {
cout << "Too many incorrect attempts. Exiting program." << endl;
break;
    } else {
cout << "Incorrect PIN. Please try again." << endl;
    }
    }
    }
return 0;
}

```