

```
main.cpp
1 #include <iostream> //Dhanasri S P
2 #include <string>
3 using namespace std;
4 class ATM {
5 public:
6     ATM() {
7         balance = 0;
8     }
9     int getBalance() {
10         return balance;
11     }
12     void deposit(int amount) {
13         balance += amount;
14     }
15     void withdraw(int amount) {
16         balance -= amount;
17     }
18 private:
19     int balance;
20 };
21 int main() {
22     ATM atm;
23     int pinNumber;
24     cout << "Enter your pin number: ";
25     cin >> pinNumber;
26     if (pinNumber == 7724) {
27         int choice;
28         cout << "What would you like to do?\n"
29             << "1. Check balance\n"
30             << "2. Deposit money\n"
```

```
main.cpp
31         << "3. Withdraw money\n"
32         << "Enter your choice: ";
33     cin >> choice;
34     switch (choice) {
35     case 1:
36         cout << "Current balance is " << atm.getBalance() << endl;
37         break;
38     case 2:
39         int amount;
40         cout << "Enter the Deposit Amount: ";
41         cin >> amount;
42         atm.deposit(amount);
43         cout << "You have deposited Rs." << amount << endl;
44         break;
45     case 3:
46         int amount;
47         cout << "Amount you would like to withdraw: ";
48         cin >> amount;
49         atm.withdraw(amount);
50         cout << "Withdrawn Amount Rs." << amount << endl;
51         break;
52     default:
53         cout << "Provide Correct choice" << endl;
54         break;
55     }
56     } else {
57         cout << "Wrong pin" << endl;
58     }
59     return 0;
60 }
```

Run

Debug

Stop

Share

Save

{ } Beautify

Language

main.cpp

32

<< Enter your choice: ;

input

Enter your pin number: 7724
What would you like to do?
1. Check balance
2. Deposit money
3. Withdraw money
Enter your choice: 1
Current balance is 0

...Program finished with exit code 0
Press ENTER to exit console.