

CODE:

```
#include <iostream>

using namespace std;

class RBI {
public:
    float minInterestRate = 4.0;
    float minBalance = 1000;
    float maxWithdrawal = 25000;
};

class SBI : public RBI {
public:
    float interestRate = 4.5;
};

class Account {
public:
    float balance;

    Account(float b) {
        balance = b;
    }

    void deposit(float amount) {
        balance += amount;
        cout << "Deposited: " << amount << ", Balance: " << balance << endl;
    }

    void withdraw(float amount, SBI &bank) {
        if (amount > bank.maxWithdrawal) {
```

```

        cout << "Cannot withdraw more than " << bank.maxWithdrawal << endl;
    } else if (balance - amount < bank.minBalance) {
        cout << "Cannot go below minimum balance of " << bank.minBalance << endl;
    } else {
        balance -= amount;
        cout << "Withdrawn: " << amount << ", Balance: " << balance << endl;
    }
}
};

```

```

int main() {
    SBI sbi;
    Account acc(5000);

    cout << "SBI Interest Rate: " << sbi.interestRate << "%" << endl;

    acc.deposit(1000);
    acc.withdraw(2000, sbi);
    acc.withdraw(4000, sbi);
    return 0;
}

```

OUTPUT:

SBI Interest Rate: 4.5%

Deposited: 1000, Balance: 6000

Withdrawn: 2000, Balance: 4000

Cannot go below minimum balance of 1000

[Program finished]