```cpp
class AccountMonitor
{
    private:
        QWaitCondition insufficientFunds;
        QMutex m;
        double balance;

    public:
        void withdraw(double s) {
            QMutexLocker ml(&m);
            while (balance < s)
                insufficientFunds.wait(&m);
            balance -= s;
        }

        void deposit(double s) {
            QMutexLocker ml(&m);
            balance += s;
            insufficientFunds.wakeAll();
        }
};
```

**LISTING 3.18**

A monitor-based bank account class.