**package** message;

**public** **class** MessageBoard {

**private** String message;

**private** **boolean** hasMessage = **false**;

**public** **synchronized** **void** put(String msg) {

**while** (hasMessage) {

**try** {

wait();

} **catch** (InterruptedException e) {

Thread.*currentThread*().interrupt();

}

}

message = msg;

hasMessage = **true**;

System.***out***.println("Produced: " + msg);

notify();

}

**public** **synchronized** String get() {

**while** (!hasMessage) {

**try** {

wait();

} **catch** (InterruptedException e) {

Thread.*currentThread*().interrupt();

}

}

String msg = message;

hasMessage = **false**;

notify();

**return** msg;

}

}