**package** logger;

**import** java.io.IOException;

**import** java.util.List;

**public** **class** ScoreWriterRunnable **implements** Runnable {

**private** **final** ScoreLogger logger;

**private** **final** List<Student> students;

**public** ScoreWriterRunnable(ScoreLogger logger, List<Student> students) {

**this**.logger = logger;

**this**.students = students;

}

@Override

**public** **void** run() {

**for** (Student student : students) {

**try** {

Thread.*sleep*((**long**) (Math.*random*() \* 100));

logger.log(student);

} **catch** (IOException | InterruptedException e) {

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

e.printStackTrace();

}

}

}

}