**package** logger;

**import** java.io.BufferedWriter;

**import** java.io.IOException;

**import** java.nio.file.Files;

**import** java.nio.file.Path;

**import** java.nio.file.StandardOpenOption;

**public** **class** ScoreLogger {

**private** **final** Path file;

**public** ScoreLogger(Path file) **throws** IOException {

**this**.file = file;

**if** (Files.*notExists*(file)) {

**try** (BufferedWriter writer = Files.*newBufferedWriter*(file, StandardOpenOption.***CREATE***)) {

writer.write("name,roll,marks");

writer.newLine();

}

}

}

**public** **synchronized** **void** log(Student student) **throws** IOException {

**try** (BufferedWriter writer = Files.*newBufferedWriter*(file,

StandardOpenOption.***CREATE***, StandardOpenOption.***APPEND***)) {

writer.write(student.toCsv());

writer.newLine();

writer.flush();

}

}

**public** Path getFile() {

**return** file;

}

}