

```
2  * To change this license header, choose License Headers in Project Properties.
6 package it.uniroma1.msecs.ay2019.e3;
7
8 import java.sql.*;
9
10 /**
11  *
12  * @author biar
13  */
14 public class DatabaseManager {
15     public static void main(String[] args) throws ClassNotFoundException {
16         if (args.length < 1) {
17             System.out.println("Pass 'create' to initialize the database, 'run' to print the
content of the database");
18             System.exit(1);
19         }
20
21         Class.forName("org.sqlite.JDBC");
22         Connection connection = null;
23
24         try {
25             connection = DriverManager.getConnection("jdbc:sqlite:/home/biar/se-
2019_09.db");
26             Statement statement = connection.createStatement();
27             statement.setQueryTimeout(30);
28
29             if (args[0].equals("create")) {
30                 statement.executeUpdate("DROP TABLE IF EXISTS flights;");
31                 statement.executeUpdate("CREATE TABLE flights (flight STRING, status
STRING);");
32                 statement.executeUpdate("INSERT INTO flights VALUES('AA123', 'landed');");
33             } else {
34                 ResultSet rs1 = statement.executeQuery("SELECT * FROM flights");
35                 while (rs1.next()) {
36                     System.out.println(String.format("%s : %s", rs1.getString("flight"),
rs1.getString("status")));
37                 }
38             }
39         } catch (SQLException e) {
40             e.printStackTrace();
41         } finally {
42             try {
43                 if (connection != null) {
44                     connection.close();
45                 }
46             } catch (SQLException e) {
47                 e.printStackTrace();
48             }
49         }
50     }
51 }
```