**package** jdbcdemo;

**import** java.sql.\*;

**public** **class** Driver {

**public** **static** **void** main(String[] args) **throws** SQLException {

Connection myConn = **null**;

Statement myStmt = **null**;

ResultSet myRs = **null**;

**try** {

// 1. Get a connection to database

myConn = DriverManager.*getConnection*("jdbc:mysql://localhost:3306/demo", "student" , "student");

// 2. Create a statement

myStmt = myConn.createStatement();

// 3. Execute SQL query

myRs = myStmt.executeQuery("select \* from employees");

// 4. Process the result set

**while** (myRs.next()) {

System.***out***.println(myRs.getString("last\_name") + ", " + myRs.getString("first\_name"));

}

}

**catch** (Exception exc) {

exc.printStackTrace();

}

**finally** {

**if** (myRs != **null**) {

myRs.close();

}

**if** (myStmt != **null**) {

myStmt.close();

}

**if** (myConn != **null**) {

myConn.close();

}

}

}

}

Sql query

create database if not exists demo;

use demo;

drop table if exists employees;

CREATE TABLE `employees` (

`id` int(11) NOT NULL AUTO\_INCREMENT,

`last\_name` varchar(64) DEFAULT NULL,

`first\_name` varchar(64) DEFAULT NULL,

`email` varchar(64) DEFAULT NULL,

`department` varchar(64) DEFAULT NULL,

`salary` DECIMAL(10,2) DEFAULT NULL,

PRIMARY KEY (`id`)

) ENGINE=InnoDB AUTO\_INCREMENT=1 DEFAULT CHARSET=latin1;

INSERT INTO `employees` (`id`,`last\_name`,`first\_name`,`email`, `department`, `salary`) VALUES (1,'Doe','John','john.doe@foo.com', 'HR', 55000.00);

INSERT INTO `employees` (`id`,`last\_name`,`first\_name`,`email`, `department`, `salary`) VALUES (2,'Public','Mary','mary.public@foo.com', 'Engineering', 75000.00);

INSERT INTO `employees` (`id`,`last\_name`,`first\_name`,`email`, `department`, `salary`) VALUES (3,'Queue','Susan','susan.queue@foo.com', 'Legal', 130000.00);

INSERT INTO `employees` (`id`,`last\_name`,`first\_name`,`email`, `department`, `salary`) VALUES (4,'Williams','David','david.williams@foo.com', 'HR', 120000.00);

INSERT INTO `employees` (`id`,`last\_name`,`first\_name`,`email`, `department`, `salary`) VALUES (5,'Johnson','Lisa','lisa.johnson@foo.com', 'Engineering', 50000.00);

INSERT INTO `employees` (`id`,`last\_name`,`first\_name`,`email`, `department`, `salary`) VALUES (6,'Smith','Paul','paul.smith@foo.com', 'Legal', 100000.00);

INSERT INTO `employees` (`id`,`last\_name`,`first\_name`,`email`, `department`, `salary`) VALUES (7,'Adams','Carl','carl.adams@foo.com', 'HR', 50000.00);

INSERT INTO `employees` (`id`,`last\_name`,`first\_name`,`email`, `department`, `salary`) VALUES (8,'Brown','Bill','bill.brown@foo.com', 'Engineering', 50000.00);

INSERT INTO `employees` (`id`,`last\_name`,`first\_name`,`email`, `department`, `salary`) VALUES (9,'Thomas','Susan','susan.thomas@foo.com', 'Legal', 80000.00);

INSERT INTO `employees` (`id`,`last\_name`,`first\_name`,`email`, `department`, `salary`) VALUES (10,'Davis','John','john.davis@foo.com', 'HR', 45000.00);

INSERT INTO `employees` (`id`,`last\_name`,`first\_name`,`email`, `department`, `salary`) VALUES (11,'Fowler','Mary','mary.fowler@foo.com', 'Engineering', 65000.00);

INSERT INTO `employees` (`id`,`last\_name`,`first\_name`,`email`, `department`, `salary`) VALUES (12,'Waters','David','david.waters@foo.com', 'Legal', 90000.00);

CREATE USER 'student'@'localhost' IDENTIFIED BY 'student';

GRANT ALL PRIVILEGES ON \*.\* TO 'student'@'localhost';