Data Sources and Drivers

Name: @dbhost.students.cs.ubc.ca

Comment:

General   Options   SSH/SSL   Schemas   Advanced

Connection type: SID   Driver: Oracle

Host: dbhost.students.cs.ubc.ca   Port: 1522

SID: stu   Driver: Thin

User: ora_kfoong

Password: `<hidden>`   Save: Forever

URL: jdbc:oracle:thin:@dbhost.students.cs.ubc.ca:1522:stu
Overrides settings above

Test Connection

Project Data Sources

@dbhost.students.cs.ubc.ca

Drivers

Amazon Redshift
Apache Cassandra
Apache Derby (Embedded)
Apache Derby (Remote)
Apache Hive
Azure SQL Database
ClickHouse
Exasol
Greenplum
H2
HSQLDB (Local)
HSQLDB (Remote)
IBM Db2
IBM Db2 (JTOpen)
MariaDB
Microsoft SQL Server
Microsoft SQL Server (jTds)
MySQL
MySQL for 5.1

⚠ Download missing driver files

OK   Cancel   Apply

Data Sources and Drivers

Name: @dbhost.students.cs.ubc.ca

Comment:

General | Options | SSH/SSL | Schemas | Advanced

☑ Use SSH tunnel

Copy from...

Proxy host: remote.students.cs.ubc.ca   **Proxy port:** 22

Proxy user: kfoong   **Local port:** <Dynamic>

Auth type: Password

Proxy password: <hidden>   **Remember:** Until restart

☐ Use SSL

CA file:

Client certificate file:

Client key file:

Test Connection

⚠ Download missing driver files

Project Data Sources
- @dbhost.students.cs.ubc.ca

Drivers
- Amazon Redshift
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- Apache Derby (Remote)
- Apache Hive
- Azure SQL Database
- ClickHouse
- Exasol
- Greenplum
- H2
- HSQLDB (Local)
- HSQLDB (Remote)
- IBM Db2
- IBM Db2 (JTOpen)
- MariaDB
- Microsoft SQL Server
- Microsoft SQL Server (jTds)
- MySQL
- MySQL for 5.1

OK | Cancel | Apply

User Login

Enter username: ora_kfoong

Enter password: ********

Log In

SSH Session

Host: `remote.students.cs.ubc.ca` Port: `22`

User name: `kfoong`

Authentication type: `Password`

Password: `••••••••••••` ☐ Save password

OK **Cancel**

Test Connection

✔ DBMS: Oracle (ver. Oracle Database 12c Enterprise Edition Release 12.2.0.1.0 - 64bit Production)
Case sensitivity: plain=upper, delimited=exact
Driver: Oracle JDBC driver (ver. 12.2.0.1.0, JDBC4.2)
Ping: 195 ms

```
kfoong@valdes:cs-304$ java -jar CPSC304_JavaDemo.jar

Connected to Oracle!
If you have a table called Branch in your database (capitialization of the nam
e does not matter), it will be dropped and a new Branch table will be created.
If you want to proceed, enter 1; if you want to quit, enter 2.
```

```
1. Insert branch
2. Delete branch
3. Update branch name
4. Show branch
5. Quit
Please choose one of the above 5 options: 1

Please enter the branch ID you wish to insert: Third Branch
[WARNING] Your input was not an integer
Please enter the branch ID you wish to insert: 3
Please enter the branch name you wish to insert: Third Branch
Please enter the branch address you wish to insert: 123 Limbo Boulevard
Please enter the branch city you wish to insert: Vancouver
Please enter the branch phone number you wish to insert: 6041234567
[WARNING] Your input was not an integer
Please enter the branch phone number you wish to insert: 1234567

1. Insert branch
2. Delete branch
3. Update branch name
4. Show branch
5. Quit
Please choose one of the above 5 options: 4

1        First Branch        123 Charming Ave      Vancouver      1234567

2        Second Branch       123 Coco Ave          Vancouver      1234568

3        Third Branch        123 Limbo Boulevard Vancouver        1234567


1. Insert branch
2. Delete branch
3. Update branch name
4. Show branch
5. Quit
Please choose one of the above 5 options: █
```

```
kfoong@valdes:cs-304$ ls
./    bookbiz.sql         CPSC304_JavaDemo.jar
../   CPSC304-JavaDemo/   in_class_exercise_01_ERD_UBC_bank.docx
```