

# TRABALHO 03 - MONTAGEM DO AMBIENTE DE TRABALHO

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1.#

```
vulttur@vulttur-VirtualBox:~$ sudo apt-get install aptitude
[sudo] senha para vulttur:
Lendo listas de pacotes... Pronto
Construindo árvore de dependências... Pronto
Lendo informação de estado... Pronto
aptitude já é a versão mais recente (0.8.13-3ubuntu1).
0 pacotes atualizados, 0 pacotes novos instalados, 0 a serem removidos e 127 não
atualizados.
vulttur@vulttur-VirtualBox:~$
```

2.1.

```
vulttur@vulttur-VirtualBox:~$ aptitude search postgres
p   akonadi-backend-postgresql      - PostgreSQL storage backend for Akonadi
p   autopostgresqlbackup            - Automated tool to make periodic backups of
p   check-postgres                  - script for monitoring PostgreSQL databases
p   cl-postgres                     - Low-level client library for PostgreSQL
p   cl-sql-postgresql               - mecanismo de banco de dados C/SQL, Postgre
p   cl-sql-postgresql-socket        - mecanismo de banco de dados C/SQL, Postgre
p   clisp-module-postgresql         - GNU CLISP module that adds a PostgreSQL in
p   courier-authlib-postgresql      - suporte a PostgreSQL para a biblioteca de
p   eekboek-db-postgresql           - PostgreSQL database driver for EekBook
p   elephant-shed-postgresql        - PostgreSQL dashboard -- PostgreSQL integra
p   freeradius-postgresql           - PostgreSQL module for FreeRADIUS server
p   gambas3-gb-db-postgresql        - PostgreSQL driver for the Gambas database
p   gnustep-dl2-postgresql-adaptor   - gnustep-dl2 adaptor to connect to Postgres
v   haskell-hdbc-postgresql-doc     -
p   homer-api-postgresql            - HOMER Capture Node REST API
p   kamailio-postgres-modules        - PostgreSQL database connectivity module fo
p   kexi-postgresql-driver           - PostgreSQL support for kexi
p   libcppdb-postgresql0            - SQL Connectivity Library (PostgreSQL backe
p   libgda-5.0-postgres              - PostgreSQL provider for libgda database ab
p   libghc-hdbc-postgresql-dev       - PostgreSQL HDBC (Haskell Database Connecti
v   libghc-hdbc-postgresql-dev-2.3. -
p   libghc-hdbc-postgresql-doc       - PostgreSQL HDBC (Haskell Database Connecti
p   libghc-hdbc-postgresql-prof      - PostgreSQL HDBC Driver for GHC; profiling
v   libghc-hdbc-postgresql-prof-2.3 -
p   libghc-persistent-postgresql-de - backend for the persistent library using P
p   libghc-persistent-postgresql-de -
p   libghc-persistent-postgresql-do - backend for the persistent library using P
p   libghc-persistent-postgresql-pr - backend for the persistent library using P
v   libghc-persistent-postgresql-pr -
p   libghc-postgresql-libpq-dev      - low-level binding to libpq
v   libghc-postgresql-libpq-dev-0.9 -
p   libghc-postgresql-libpq-doc      - low-level binding to libpq; documentation
p   libghc-postgresql-libpq-prof     - low-level binding to libpq; profiling libr
v   libghc-postgresql-libpq-prof-0. -
p   libghc-postgresql-simple-dev     - mid-level PostgreSQL client library
v   libghc-postgresql-simple-dev-0. -
p   libghc-postgresql-simple-doc     - mid-level PostgreSQL client library; docum
p   libghc-postgresql-simple-prof    - mid-level PostgreSQL client library; profi
v   libghc-postgresql-simple-prof-0 -
p   libghc-text-postgresql-dev       - Parser and Printer of PostgreSQL extended
v   libghc-text-postgresql-dev-0.0. -
```

2.2.

2.3.

```
vulttur@vulttur-VirtualBox:~$ sudo apt-get install ant
Lendo listas de pacotes... Pronto
Construindo árvore de dependências... Pronto
Lendo informações de estado... Pronto
Os pacotes adicionais seguintes serão instalados:
ant-optional ca-certificates-java default-jre-headless java-common openjdk-11-jre-headless
Pacotes sugeridos:
ant-doc default-jdk | java-compiler | java-sdk antlr javacc junit junit4 jython libactivation-java libbcel-java libbsf-java
libcommons-logging-java libcommons-net-java libmail-java libjansi3-java libjdepend-java libjstax-java liblog4j1.2-java liboro-java libregexp-java
libxalan2-java libxml-commons-resolver1.1-java libxerces-java default-jre fonts-dejavu-extra fonts-ipafont-gothic fonts-ipafont-mincho
fonts-wqy-microhei | fonts-wqy-zenhei
Os NOVOS pacotes a seguir serão instalados:
ant ant-optional ca-certificates-java default-jre-headless java-common openjdk-11-jre-headless
0 pacotes atualizados, 6 pacotes novos instalados, 0 a serem renovados e 127 não atualizados.
É preciso baixar 44,0 MB de arquivos.
Depois desta operação, 175 MB adicionais de espaço em disco serão usados.
Você quer continuar? [S/n] S
Obter:1 http://br.archive.ubuntu.com/ubuntu jammy-updates/main amd64 ca-certificates-java all 20190909ubuntu1.1 [12,0 kB]
Obter:2 http://br.archive.ubuntu.com/ubuntu jammy/main amd64 java-common all 0.72build2 [6,782 B]
Obter:3 http://br.archive.ubuntu.com/ubuntu jammy-updates/main amd64 openjdk-11-jre-headless amd64 11.0.18+10-0ubuntu1~22.04 [41,6 MB]
57% [3 openjdk-11-jre-headless 27,6 MB/41,6 MB 66%]
```

3.3.

```
Atividades Terminal 21 de abr 14:51
vulttur@vulttur-VirtualBox: ~/Downloads

vulttur@vulttur-VirtualBox:~$ ls
'Área de Trabalho' Documentos Downloads Imagens Modelos Música packages_pgadmin_org.pub Público

vulttur@vulttur-VirtualBox:~$ cd Downloads/
vulttur@vulttur-VirtualBox:~/Downloads$ ls
BD2-12-SBD06c-1.pdf CMDLinux jdk-8u371-linux-aarch64.tar.gz pgadmin4-7.0.tar.gz sample.tar.gz
BD2-12-SBD06c.pdf IB.dump pgadmin4-7.0 sample 'SBD0543 2.pdf'

vulttur@vulttur-VirtualBox:~/Downloads$ tar -xvf jdk-8u371-linux-aarch64.tar.gz
jdk1.8.0_371/bin/
jdk1.8.0_371/bin/bsimport
jdk1.8.0_371/bin/jsadebugd
jdk1.8.0_371/bin/appletviewer
jdk1.8.0_371/bin/pack200
jdk1.8.0_371/bin/jstatd
jdk1.8.0_371/bin/extcheck
jdk1.8.0_371/bin/javah
jdk1.8.0_371/bin/xjc
jdk1.8.0_371/bin/jrunscript
jdk1.8.0_371/bin/servtool
jdk1.8.0_371/bin/idlj
jdk1.8.0_371/bin/jinfo
jdk1.8.0_371/bin/rmic
jdk1.8.0_371/bin/jps
jdk1.8.0_371/bin/orbd
jdk1.8.0_371/bin/native2ascii
jdk1.8.0_371/bin/serialver
jdk1.8.0_371/bin/jdeps
jdk1.8.0_371/bin/keytool
jdk1.8.0_371/bin/schemagen
jdk1.8.0_371/bin/rmiregistry
jdk1.8.0_371/bin/java-rmi.cgi
jdk1.8.0_371/bin/rmid
jdk1.8.0_371/bin/jhat
jdk1.8.0_371/bin/jdb
jdk1.8.0_371/bin/java
jdk1.8.0_371/bin/wsgen
jdk1.8.0_371/bin/tnameserv
jdk1.8.0_371/bin/javap
jdk1.8.0_371/bin/jar
jdk1.8.0_371/bin/javac
jdk1.8.0_371/bin/jconsole
jdk1.8.0_371/bin/jstack
jdk1.8.0_371/bin/jmap
jdk1.8.0_371/bin/policytool
jdk1.8.0_371/bin/jjs
jdk1.8.0_371/bin/unpack200
jdk1.8.0_371/bin/jstat
```

3.5.

```
Atividades Gedit 21 de abr 14:54
vulttur@vulttur-VirtualBox: ~/Downloads

jdk1.8.0_371/bin/
jdk1.8.0_371/bin/bsimport
jdk1.8.0_371/bin/jsadebugd
jdk1.8.0_371/bin/appletviewer
jdk1.8.0_371/bin/pack200
jdk1.8.0_371/bin/jstatd
jdk1.8.0_371/bin/extcheck
jdk1.8.0_371/bin/javah
jdk1.8.0_371/bin/xjc
jdk1.8.0_371/bin/jrunscript
jdk1.8.0_371/bin/servtool
jdk1.8.0_371/bin/idlj
jdk1.8.0_371/bin/jinfo
jdk1.8.0_371/bin/rmic
jdk1.8.0_371/bin/jps
jdk1.8.0_371/bin/orbd
jdk1.8.0_371/bin/native2ascii
jdk1.8.0_371/bin/serialver
jdk1.8.0_371/bin/jdeps
jdk1.8.0_371/bin/keytool
jdk1.8.0_371/bin/schemagen
jdk1.8.0_371/bin/rmiregistry
jdk1.8.0_371/bin/java-rmi.cgi
jdk1.8.0_371/bin/rmid
jdk1.8.0_371/bin/jhat
jdk1.8.0_371/bin/jdb
jdk1.8.0_371/bin/java
jdk1.8.0_371/bin/wsgen
jdk1.8.0_371/bin/tnameserv
jdk1.8.0_371/bin/javap
jdk1.8.0_371/bin/jar
jdk1.8.0_371/bin/javac
jdk1.8.0_371/bin/jconsole
jdk1.8.0_371/bin/jstack
jdk1.8.0_371/bin/jmap
jdk1.8.0_371/bin/policytool
jdk1.8.0_371/bin/jjs
jdk1.8.0_371/bin/unpack200
jdk1.8.0_371/bin/jstat

bash.bashrc
/etc/

Abrir Salvar

jdk1.8.0_371/bin/
jdk1.8.0_371/bin/bsimport
jdk1.8.0_371/bin/jsadebugd
jdk1.8.0_371/bin/appletviewer
jdk1.8.0_371/bin/pack200
jdk1.8.0_371/bin/jstatd
jdk1.8.0_371/bin/extcheck
jdk1.8.0_371/bin/javah
jdk1.8.0_371/bin/xjc
jdk1.8.0_371/bin/jrunscript
jdk1.8.0_371/bin/servtool
jdk1.8.0_371/bin/idlj
jdk1.8.0_371/bin/jinfo
jdk1.8.0_371/bin/rmic
jdk1.8.0_371/bin/jps
jdk1.8.0_371/bin/orbd
jdk1.8.0_371/bin/native2ascii
jdk1.8.0_371/bin/serialver
jdk1.8.0_371/bin/jdeps
jdk1.8.0_371/bin/keytool
jdk1.8.0_371/bin/schemagen
jdk1.8.0_371/bin/rmiregistry
jdk1.8.0_371/bin/java-rmi.cgi
jdk1.8.0_371/bin/rmid
jdk1.8.0_371/bin/jhat
jdk1.8.0_371/bin/jdb
jdk1.8.0_371/bin/java
jdk1.8.0_371/bin/wsgen
jdk1.8.0_371/bin/tnameserv
jdk1.8.0_371/bin/javap
jdk1.8.0_371/bin/jar
jdk1.8.0_371/bin/javac
jdk1.8.0_371/bin/jconsole
jdk1.8.0_371/bin/jstack
jdk1.8.0_371/bin/jmap
jdk1.8.0_371/bin/policytool
jdk1.8.0_371/bin/jjs
jdk1.8.0_371/bin/unpack200
jdk1.8.0_371/bin/jstat

** (gedit:36665): WARNING **: 14:54:45.326: Set document metadata failed: Não há suporte à definição do atributo metadata:gedit-encoding
```

```
vulttur@vulttur-VirtualBox:~$ sudo rm /usr/bin/java /usr/bin/javac
rm: não foi possível remover '/usr/bin/java': Arquivo ou diretório inexistente
rm: não foi possível remover '/usr/bin/javac': Arquivo ou diretório inexistente
vulttur@vulttur-VirtualBox:~$ sudo ln -s /usr/local/jdk/bin/java /usr/bin/java
vulttur@vulttur-VirtualBox:~$ sudo ln -s /usr/local/jdk/bin/javac /usr/bin/javac
vulttur@vulttur-VirtualBox:~$
```

### 3.5.4.

```
vulttur@vulttur-VirtualBox:~$ sudo apt install libderby-java
Lendo listas de pacotes... Pronto
Construindo árvore de dependências... Pronto
Lendo informação de estado... Pronto
Pacotes sugeridos:
  derby-doc
Os NOVOS pacotes a seguir serão instalados:
  libderby-java
0 pacotes atualizados, 1 pacotes novos instalados, 0 a serem removidos e 102 não atualizados.
É preciso baixar 4.309 kB de arquivos.
Depois desta operação, 5.065 kB adicionais de espaço em disco serão usados.
Obter:1 http://br.archive.ubuntu.com/ubuntu jammy/universe amd64 libderby-java all 10.14.2.0-2 [4.309 kB]
Baixados 4.309 kB em 1s (3.711 kB/s)
A seleccionar pacote anteriormente não seleccionado libderby-java.
(Lendo banco de dados ... 230051 ficheiros e directórios actualmente instalados.)
A preparar para desempacotar .../libderby-java_10.14.2.0-2_all.deb ...
A descompactar libderby-java (10.14.2.0-2) ...
Configurando libderby-java (10.14.2.0-2) ...
vulttur@vulttur-VirtualBox:~$ sudo apt install libderby-java
Lendo listas de pacotes... Pronto
Construindo árvore de dependências... Pronto
Lendo informação de estado... Pronto
libderby-java já é a versão mais recente (10.14.2.0-2).
0 pacotes atualizados, 0 pacotes novos instalados, 0 a serem removidos e 102 não atualizados.
vulttur@vulttur-VirtualBox:~$
```

### 3.5.5.

```
vulttur@vulttur-VirtualBox:~/mydir$ unzip ../Downloads/JDBCTutorial.zip
Archive:  ../Downloads/JDBCTutorial.zip
  creating: JDBCTutorial/
  creating: JDBCTutorial/classes/
  creating: JDBCTutorial/classes/com/
  creating: JDBCTutorial/classes/com/oracle/
  creating: JDBCTutorial/classes/com/oracle/tutorial/
  creating: JDBCTutorial/classes/com/oracle/tutorial/jdbc/
  creating: JDBCTutorial/lib/
  creating: JDBCTutorial/properties/
  creating: JDBCTutorial/sql/
  creating: JDBCTutorial/sql/javadb/
  creating: JDBCTutorial/sql/mysql/
  creating: JDBCTutorial/src/
  creating: JDBCTutorial/src/com/
  creating: JDBCTutorial/src/com/oracle/
  creating: JDBCTutorial/src/com/oracle/tutorial/
  creating: JDBCTutorial/src/com/oracle/tutorial/jdbc/
  creating: JDBCTutorial/txt/
  creating: JDBCTutorial/xml/
  inflating: JDBCTutorial/build.xml
  inflating: JDBCTutorial/classes/com/oracle/tutorial/jdbc/CachedRowSetSample.class
  inflating: JDBCTutorial/classes/com/oracle/tutorial/jdbc/CityFilter.class
  inflating: JDBCTutorial/classes/com/oracle/tutorial/jdbc/ClobSample.class
  inflating: JDBCTutorial/classes/com/oracle/tutorial/jdbc/CoffeesFrame$1.class
  inflating: JDBCTutorial/classes/com/oracle/tutorial/jdbc/CoffeesFrame$2.class
  inflating: JDBCTutorial/classes/com/oracle/tutorial/jdbc/CoffeesFrame$3.class
  inflating: JDBCTutorial/classes/com/oracle/tutorial/jdbc/CoffeesFrame$4.class
  inflating: JDBCTutorial/classes/com/oracle/tutorial/jdbc/CoffeesFrame.class
  inflating: JDBCTutorial/classes/com/oracle/tutorial/jdbc/CoffeesTable.class
  inflating: JDBCTutorial/classes/com/oracle/tutorial/jdbc/CoffeesTableModel.class
  inflating: JDBCTutorial/classes/com/oracle/tutorial/jdbc/DatalinkSample.class
  inflating: JDBCTutorial/classes/com/oracle/tutorial/jdbc/ExampleRowSetListener.class
  inflating: JDBCTutorial/classes/com/oracle/tutorial/jdbc/FilteredRowSetSample.class
  inflating: JDBCTutorial/classes/com/oracle/tutorial/jdbc/JDBCTutorialUtilities$1.class
  inflating: JDBCTutorial/classes/com/oracle/tutorial/jdbc/JDBCTutorialUtilities.class
  inflating: JDBCTutorial/classes/com/oracle/tutorial/jdbc/JdbcRowSetSample.class
  inflating: JDBCTutorial/classes/com/oracle/tutorial/jdbc/JoinSample.class
  inflating: JDBCTutorial/classes/com/oracle/tutorial/jdbc/ProductInformationTable.class
  inflating: JDBCTutorial/classes/com/oracle/tutorial/jdbc/RSSFeedsTable.class
  inflating: JDBCTutorial/classes/com/oracle/tutorial/jdbc/StateFilter.class
  inflating: JDBCTutorial/classes/com/oracle/tutorial/jdbc/StoredProcedureJavaDBSample.class
  inflating: JDBCTutorial/classes/com/oracle/tutorial/jdbc/StoredProcedureMySQLSample.class
  inflating: JDBCTutorial/classes/com/oracle/tutorial/jdbc/SuppliersTable.class
```

## 4.

```

1 <?xml version="1.0" encoding="UTF-8" ?>
2
3 <project name="Java DB Properties" default="all" basedir=".">
4
5
6     <property name="JAVAC" value="/usr/local/jdk/bin/javac"/>
7     <property name="JAVA" value="/usr/local/jdk/bin/java"/>
8
9
10    <property name="PROPERTIESFILE" value="properties/javadb-sample-properties.xml"/>
11    <property name="JAVADBDRIVER" value="/usr/share/java/derby.jar">
12    <property name="XALANDIRECTORY" value="/usr/bin"/>
13
14    <path id="XALAN">
15        <pathelement location="{XALANDIRECTORY}/xalan.jar"/>
16    </path>
17
18    <path id="CLASSPATH">
19        <pathelement location="classes"/>
20        <pathelement location="{JAVADBDRIVER}"/>
21        <pathelement location="lib/JDBCTutorial.jar"/>
22    </path>
23
24
25    <property name="DB.VENDOR" value="Javadb"/>
26    <property name="DB.DRIVER" value="org.apache.derby.jdbc.EmbeddedDriver"/>
27    <property name="DB.HOST" value="localhost"/>
28    <property name="DB.PORT" value="3306"/>
29    <property name="DB.SID" value="testdb"/>
30    <property name="DB.URL" value="jdbc:derby:{DB.SID};create=true"/>
31    <property name="DB.USER" value=""/>
32    <property name="DB.PASSWORD" value=""/>
33    <property name="DB.DELIMITER" value=";"/>
34
35 </project>
36
37
38

```

5.

```

1 <?xml version="1.0" encoding="UTF-8"?>
2 <!DOCTYPE properties SYSTEM "http://java.sun.com/dtd/properties.dtd">
3 <properties>
4
5     <entry key="dbms">derby</entry>
6     <entry key="jar_file">/home/vulttur/mydir/JDBCtutorial/lib/JDBCtutorial.jar</entry>
7     <entry key="driver">org.apache.derby.jdbc.EmbeddedDriver</entry>
8     <entry key="database_name">testdb</entry>
9     <entry key="user_name"></entry>
10    <entry key="password"></entry>
11    <entry key="server_name">localhost</entry>
12    <entry key="port_number">3306</entry>
13
14 </properties>

```

5.1.

```

vulttur@vulttur-VirtualBox: ~/mydir/JDBCtutorial$ ant jar
Buildfile: /home/vulttur/mydir/JDBCtutorial/build.xml

compile:
[echo] JDBC Tutorial is using /usr/local/jdk/bin/javac as Java compiler

jar:

BUILD SUCCESSFUL
Total time: 0 seconds
vulttur@vulttur-VirtualBox: ~/mydir/JDBCtutorial$ ant setup
Buildfile: /home/vulttur/mydir/JDBCtutorial/build.xml

setup:
drop-tables:
[sql] Executing resource: /home/vulttur/mydir/JDBCtutorial/sql/javadb/drop-tables.sql
[sql] Failed to execute: DROP TABLE COFFEE_DESCRIPTIONS
[sql] java.sql.SQLException: 'DROP TABLE' não pode ser realizado em 'COFFEE_DESCRIPTIONS', porque 'COFFEE_DESCRIPTIONS' não existe.
[sql] Failed to execute: DROP TABLE COFFEE_HOUSES
[sql] java.sql.SQLException: 'DROP TABLE' não pode ser realizado em 'COFFEE_HOUSES', porque 'COFFEE_HOUSES' não existe.
[sql] Failed to execute: DROP TABLE MERCH_INVENTORY
[sql] java.sql.SQLException: 'DROP TABLE' não pode ser realizado em 'MERCH_INVENTORY', porque 'MERCH_INVENTORY' não existe.
[sql] Failed to execute: DROP TABLE COF_INVENTORY
[sql] java.sql.SQLException: 'DROP TABLE' não pode ser realizado em 'COF_INVENTORY', porque 'COF_INVENTORY' não existe.
[sql] Failed to execute: DROP TABLE RSS_FEEDS
[sql] java.sql.SQLException: 'DROP TABLE' não pode ser realizado em 'RSS_FEEDS', porque 'RSS_FEEDS' não existe.
[sql] Failed to execute: DROP TABLE COFFEES
[sql] java.sql.SQLException: 'DROP TABLE' não pode ser realizado em 'COFFEES', porque 'COFFEES' não existe.
[sql] Failed to execute: DROP TABLE SUPPLIERS
[sql] java.sql.SQLException: 'DROP TABLE' não pode ser realizado em 'SUPPLIERS', porque 'SUPPLIERS' não existe.
[sql] Failed to execute: DROP TABLE DATA_REPOSITORY
[sql] java.sql.SQLException: 'DROP TABLE' não pode ser realizado em 'DATA_REPOSITORY', porque 'DATA_REPOSITORY' não existe.
[sql] 0 of 8 SQL statements executed successfully

build-tables:
[sql] Executing resource: /home/vulttur/mydir/JDBCtutorial/sql/javadb/create-tables.sql
[sql] 8 of 8 SQL statements executed successfully

populate-tables:
[sql] Executing resource: /home/vulttur/mydir/JDBCtutorial/sql/javadb/populate-tables.sql
[sql] 40 of 40 SQL statements executed successfully

BUILD SUCCESSFUL
Total time: 4 seconds

```

6.

```
vulttur@vulttur-VirtualBox: ~/mydir/JDBCTutorial

[java] Old price of Colombian is $9,98
[java] New price of Colombian is $10,98
[java] Performing update...
[java]
[java] COFFEES table after update:
[java] Colombian, 101, 10.97, 175, 175
[java] French_Roast, 49, 11.23, 150, 150
[java] Espresso, 150, 12.48, 60, 60
[java] Colombian_Decaf, 101, 11.23, 155, 155
[java] French_Roast_Decaf, 49, 12.48, 90, 90
[java] Kona, 150, 10.98, 0, 0
[java] The new price, $10,98, is greater than the maximum price, $9,00. Rolling back the transaction...
[java]
[java] COFFEES table after rollback:
[java] Colombian, 101, 9.98, 175, 175
[java] French_Roast, 49, 11.23, 150, 150
[java] Espresso, 150, 12.48, 60, 60
[java] Colombian_Decaf, 101, 11.23, 155, 155
[java] French_Roast_Decaf, 49, 12.48, 90, 90
[java] Kona, 150, 10.98, 0, 0
[java]
[java] COFFEES table after modifying prices by percentage:
[java] Colombian, 101, 9.98, 175, 175
[java] French_Roast, 49, 11.23, 150, 150
[java] Espresso, 150, 12.48, 60, 60
[java] Colombian_Decaf, 101, 11.23, 155, 155
[java] French_Roast_Decaf, 49, 12.48, 90, 90
[java] Kona, 150, 10.98, 0, 0
[java]
[java] Performing batch updates; adding new coffees
[java] Colombian, 101, 9.98, 175, 175
[java] French_Roast, 49, 11.23, 150, 150
[java] Espresso, 150, 12.48, 60, 60
[java] Colombian_Decaf, 101, 11.23, 155, 155
[java] French_Roast_Decaf, 49, 12.48, 90, 90
[java] Kona, 150, 10.98, 0, 0
[java] Amaretto, 49, 9.99, 0, 0
[java] Hazelnut, 49, 9.99, 0, 0
[java] Amaretto_decaf, 49, 10.99, 0, 0
[java] Hazelnut_decaf, 49, 10.99, 0, 0
[java] Releasing all open resources ...

BUILD SUCCESSFUL
Total time: 1 second
vulttur@vulttur-VirtualBox:~/mydir/JDBCTutorial$
```