

TRABALHO 05 – ESTABELECENDO CONEXOES

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1.#

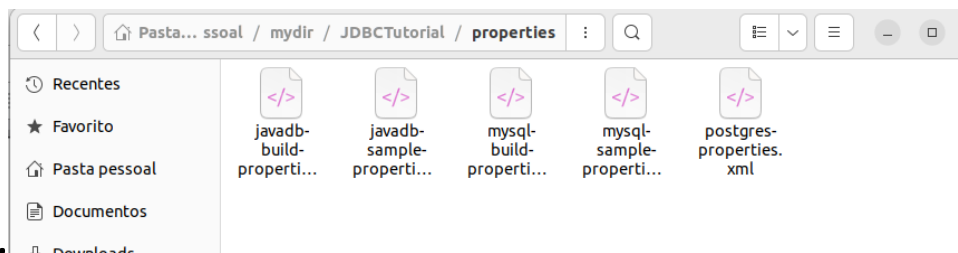
2.#

3.



```
vulttur@vulttur: ~/Downloads
vulttur@vulttur:~/Downloads$ ls
BD2-12-SBD06c.pdf  BD2-14-SBD08.pdf  pgadmin4-7.0      'SBD0543 2.pdf'
BD2-13-SBD07.pdf  IB.dump           postgresql-42.2.4.jar
vulttur@vulttur:~/Downloads$ cp postgresql-42.2.4.jar /home/myuser/mydir/JDBCTutorial/
cp: não foi possível criar arquivo comum '/home/myuser/mydir/JDBCTutorial/': Arquivo ou diretório inexistente
vulttur@vulttur:~/Downloads$ cp postgresql-42.2.4.jar /home/vulttur/mydir/JDBCTutorial/
vulttur@vulttur:~/Downloads$
```

4.



5.

```
public Connection getConnection() throws SQLException {
    Connection conn = null;
    Properties connectionProps = new Properties();
    connectionProps.put("user", this.userName);
    connectionProps.put("password", this.password);

    String currentUrlString = null;

    if (this.dbms.equals("mysql")) {
        currentUrlString = "jdbc:" + this.dbms + "://" + this.serverName + ":" + this.portNumber + "/";
        conn = DriverManager.getConnection(currentUrlString, connectionProps);
        this.urlString = currentUrlString + this.dbName;
        conn.setCatalog(this.dbName);
    } else if (this.dbms.equals("derby")) {
        this.urlString = "jdbc:" + this.dbms + ":" + this.dbName;
        conn = DriverManager.getConnection(this.urlString + ";create=true", connectionProps);
    } else if (this.dbms.equals("postgresql")) {
        currentUrlString = "jdbc:" + this.dbms + "://" + this.serverName + ":" + this.portNumber + "/" + this.dbName;
        conn = DriverManager.getConnection(currentUrlString, connectionProps);
        this.urlString = currentUrlString + this.dbName;
        conn.setCatalog(this.dbName);
    }
    System.out.println("Connected to database");
    return conn;
}
```

6.

```

1 #!/bin/sh -
2
3 postgres=/home/vulttur/mydir/JDBCTutorial/postgresql-42.2.4.jar
4 derby=/usr/share/java/derby.jar
5 mypath=/home/vulttur/mydir/JDBCTutorial
6 mypackage=com/oracle/tutorial/jdbc
7
8 if [ -r $mypath/src/$mypackage/$1.java -a -r $mypath/$2 ]
9 then
10
11     javac -cp "$postgres:$derby:$mypath/classes:$mypath/lib/JDBCTutorial.jar" $mypath/src/$mypackage/$1.java
12
13     if [ -r $mypath/src/$mypackage/$1.class ]
14     then
15         mv $mypath/src/$mypackage/$1.class $mypath/classes/$mypackage/
16
17         java -cp "$postgres:$derby:$mypath/classes" $mypackage/$1 $mypath/$2
18
19     fi
20 else
21     echo Missing file, check:
22     ls $mypath/src/$mypackage/$1.java
23     ls $mypath/$2
24 fi

```

```
vulttur@vulttur: ~/mydir/JDBCTutorial
vulttur@vulttur:~/mydir/JDBCTutorial$ chmod 755 comp2
vulttur@vulttur:~/mydir/JDBCTutorial$ chmod 755 comp2
vulttur@vulttur:~/mydir/JDBCTutorial$ ./comp2 JDBCUtilities properties/javadb-sample-properties.xml
Reading properties file /home/vulttur/mydir/JDBCTutorial/properties/javadb-sample-properties.xml
Set the following properties:
dbms: derby
driver: org.apache.derby.jdbc.EmbeddedDriver
dbName: testdb
userName:
serverName: localhost
portNumber: 3306
Connected to database
Releasing all open resources ...
vulttur@vulttur:~/mydir/JDBCTutorial$
```

```
vulttur@vulttur:~/mydir/JDBCTutorial$ ./comp2 MyQueries2 properties/postgres-properties.xml
Set the following properties:
dbms: postgresql
driver: com.mysql.cj.jdbc.Driver
dbName: postgres
userName: postgres
serverName: localhost
portNumber: 5432
Connected to database
Clientes com apenas depósitos, a soma de depósitos e sem empréstimos:
Alexandre Marcio de Souza: 1201.37
Andre Cabral da Silva: 3798.31
Bruno Miranda Pacheco de Castro: 2512.88
Carolina Soares: 3516.28
Cláudia Santos Mota: 3599.29
Clayton Perelra Bonfim: 81.29
Everardo Monfort Leitão: 1167.17
Joaquim Carlos Reis: 498.56
Marco Aurélio Santos: 3164.44
Marcos Andrade: 3493.63
Thiago Andrade Fluzza: 479.66
Thiago Leônico Guimarães: 1753.42
Wantuill Diniz e Souza: 84.17
Releasing all open resources ...
vulttur@vulttur:~/mydir/JDBCTutorial$
```

```
vulttur@vulttur:~/mydir/308CTutorial$ ./comp2 MyQueries3 properties/postgres-properties.xml
Set the following properties:
dbms: postgresql
driver: com.mysql.cj.jdbc.Driver
dbName: postgres
userName: postgres
serverName: localhost
portNumber: 5432
Connected to database
Clientes com depósitos e empréstimos e suas respectivas somas:
Andre Cabral da Silva: Depósitos: 692.16, Empréstimos: 1050.34
Clayton Pereira Bonfim: Depósitos: 3150.55, Empréstimos: 896.28
Everardo Monfort Leitão: Depósitos: 2395.37, Empréstimos: 1886.98
Germano Luiz de Paula: Depósitos: 104817.72, Empréstimos: 2.58869345000354E7
Releasing all open resources ...
```

