

Correspondance SQL / JAVA JAVA JAVA

```
CREATE TABLE COFFEES (NOM_CAFE VARCHAR(32),FO_ID INTEGER, PRIX  
FLOAT, VENTES INTEGER, TOTAL INTEGER)
```

```
stmt.executeUpdate("CREATE TABLE COFFEES" + "(NOM_CAFE  
VARCHAR(32),FO_ID INTEGER, PRIX FLOAT, VENTES INTEGER, TOTAL  
INTEGER)");
```

```
INSERT INTO COFFEES VALUES ('Colombian', 101, 7.99, 0, 0)
```

```
stmt.executeUpdate("INSERT INTO COFFEES VALUES ('Colombian', 101,  
7.99, 0, 0)");
```

```
INSERT INTO COFFEES VALUES ('French_Roast', 49, 8.99, 0, 0)
```

```
.....
```

```
INSERT INTO COFFEES VALUES ('Espresso', 150, 9.99, 0, 0)
```

```
.....
```

```
INSERT INTO COFFEES VALUES ('Colombian_Decaf', 101, 8.99, 0, 0)
```

```
.....
```

```
INSERT INTO COFFEES VALUES ('French_Roast_Decaf', 49, 9.99, 0, 0)
```

```
....
```

```
SELECT NOM_CAFE,PRIX FROM COFFEES
```

```
rs = stmt.executeQuery("SELECT NOM_CAFE,PRIX FROM COFFEES");
```

```
while(rs.next())  
{  
    String s = rs.getString("NOM_CAFE");  
    float n = rs.getFloat("PRIX");  
    System.out.println(s + " " + n);  
}
```

```
UPDATE COFFEES SET VENTES = 75 WHERE NOM_CAFE LIKE 'Colombian'
```

```
stmt.executeUpdate("UPDATE COFFEES SET VENTES = 75 WHERE NOM_CAFE  
LIKE 'Colombian'");
```

SELECT NOM_CAFE, VENTES FROM COFFEES WHERE NOM_CAFE LIKE 'Colombian'

```
rs = stmt.executeQuery("SELECT NOM_CAFE, VENTES FROM COFFEES WHERE  
NOM_CAFE LIKE 'Colombian'");
```

```
while(rs.next())  
{  
    String s = rs.getString("NOM_CAFE");  
    int n = rs.getInt("VENTES");  
    System.out.println(n + " livres de" + s + "  
vendu cette semaine.");  
}
```

UPDATE COFFEES SET TOTAL = TOTAL + 75 WHERE NOM_CAFE LIKE 'Colombian'

```
stmt.executeUpdate("UPDATE COFFEES SET TOTAL = TOTAL + 75 WHERE  
NOM_CAFE LIKE 'Colombian' ");
```

SELECT NOM_CAFE, TOTAL FROM COFFEES WHERE NOM_CAFE LIKE 'Colombian'

```
rs = stmt.executeQuery("SELECT NOM_CAFE, TOTAL FROM COFFEES WHERE  
NOM_CAFE LIKE 'Colombian'");
```

```
while(rs.next())  
{  
    String s = rs.getString(1);  
    int n = rs.getInt(2);  
    System.out.println(n+" livres de" + s + " vendu jusqu'à  
maintenant.");  
}
```

LA SECONDE TABLE DES FOURNISSEURS

```
CREATE TABLE FOURNISSEURS (FO_ID INTEGER, NOM_FO VARCHAR(40),  
RUE VARCHAR(40), VILLE VARCHAR(20), ETAT CHAR(2),  
CODE_POSTAL CHAR(5))
```

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```
String createFournisseurs = "create table  
FOURNISSEURS" + "(FO_ID INTEGER, NOM_FO VARCHAR(40),RUE VARCHAR(40),  
VILLE VARCHAR(20), " + "ETAT CHAR(2), CODE_POSTAL CHAR(5))";
```

```
stmt.executeUpdate(createFournisseurs);
```

```
stmt.executeUpdate("insert into FOURNISSEURS values  
(101,'Acme, Inc.',"+ "'99 Market Street',  
'Groundsville', 'CA', '95199)");
```

```
stmt.executeUpdate("Insert into FOURNISSEURS values  
(49,'Superior " + "Coffee', '1 Party Place',  
'Mendocino', 'CA','95460)");
```

```
stmt.executeUpdate("Insert into FOURNISSEURS values  
(150,'The High"+ "Ground', '100 Coffee Lane',  
'Meadows', 'CA','93966)");
```

```
String requete = "SELECT COFFEES .NOM_CAFE" +  
"FROM COFFEES , FOURNISSEURS " +  
"WHERE FOURNISSEURS.NOM_FO LIKE 'Acme,Inc.'" +  
"and FOURNISSEURS.FO_ID = COFFEES.FO_ID";
```

```
ResultSet rs = stmt.executeQuery(requete);
```

```
System.out.println("Les café acheté à Acme, Inc. :");
```

```
while(rs.next()){  
    String nomCafe= rs.getString("NOM_CAFE");  
    System.out.println(" " + nomCafe);  
}
```