# FMX Mobile Application Development
## Lab Exercise 02.04: Creating Tables

A table is a data structure consisting of an unordered set of rows, each containing a specific number of columns. Conceptually, a database table is like an ordinary table. Much of the power of relational databases comes from defining the relations among the tables. The **CREATE TABLE** statement has the following general form:

```
CREATE TABLE tablename
  (
    colname1 characteristics[,
    colname2 characteristics, …]
    [, tableconstraint …]
  )
```

The column definitions are separated by commas. For each column, the first word is the column name and the following words are characteristics. The first column is a primary key.

1. Open the Interactive SQL window

2. You can see that the set of column definitions is surrounded by parentheses, and that the columns are separated by commas.

3. Execute the statement.

4. If you enter the code without errors, the table now exists in the database. To confirm, close the Interactive SQL window and select **Tables** in the left pane of the IBConsole. The image below shows the expected result.

You will see that the tables with custom fields are now available for querying as in the following image: