Exercise 7: exploring posibilities

There are endless combinations possible.

In this example we create an summary per table of what is available

It is up to your creativity and ingenuity to create clever templates for your framework

Experiment with the test database and watch how this plays out in the end result.

```
CLASS :Table:ex07.txt

//repeatallfields - isnotnullable - inpk - notpk - infk - notfk -
infknotpk - inkey
:repeatallfields:
column - :column:
        columnjavaname - :columnjavaname:
        columntype - :columntype:
        customfieldtype - :customfieldtype:
        columntypesql - :columntypesql:
        columnsize - :columnsize:
        getcolumndbfunction - :getcolumndbfunction:
        columncast - :columncast:
        columncustomtype - :columncustomtype:
        columnposition - :columnposition:
        counter - :counter:
:isnotnullable:
                NULL VALUES NOT ALLOWED
:isnotnullable:
:repeatallfields:

//excluding code blocks: (inpk - notpk) - (infk - notfk - infknotpk) -
inkey
:repeatallfields:
:inpk:
:column:
                inpk PART OF PRIMARY KEY
:inpk:
:notpk:
:column:
                notpk NOT PART OF PRIMARY KEY
:notpk:
:infk:
:column:
                infk PART OF A FOREIGN KEY
:infk:
:notfk:
:column:
                notfk NOT PART OF A FOREIGN KEY
:notfk:
```

```
:infknotpk:
:column:
                  infknotpk NOT PART OF PRIMARY KEY, PART OF A FOREIGN KEY
:infknotpk:
:inkey:
:column:
                  inkey PART OF A KEY
:inkey:
:notkey:
:column:
                  notkey NOT PART OF A KEY
:notkey:
:repeatallfields:

//repeatfields
:repeatfields:
column - :column:
:repeatfields:

//repeatpkfields
:repeatpkfields:
column - :column:
:repeatpkfields:

//iffieldtype
:repeatallfields:
:iffieldtype:
:column:
:boolean:
:column: is a boolean
:boolean:
:byte:
:column: is a byte
:byte:
:int:
:column: is an integer
:int:
:float:
:column: is a float
:float:
:double:
:column: is a double
:double:
:java.lang.String:
:column: is a String
:java.lang.String:
:java.sql.Date:
:column: is a Date
:java.sql.Date:
:java.sql.Time:
```

```
:column: is a Time
:java.sql.Time:
:java.sql.Timestamp:
:column: is a Timestamp
:java.sql.Timestamp:
:customfieldtype:
:column: is a custom field
:customfieldtype:
:Object:
:column: is an Object
:Object:
:other:
:column: is of an unknown type
:other:
:iffieldtype:
:repeatallfields:

//repeatforeignkeys - repeatforeignkeyfields
:repeatforeignkeys:
uniquename - :uniquename:
fkjavaname - :fkjavaname:
pktable - :pktable:
pktablejavaname - :pktablejavaname:
pktablejavanamePK - :pktablejavanamePK:
:repeatforeignkeyfields:
        //repeatforeignkeyfields
        foreigncolumn - :foreigncolumn:
        primarycolumn - :primarycolumn:
:repeatforeignkeyfields:
:repeatforeignkeys:

//repeatuniqueforeignkeys
:repeatuniqueforeignkeys:
uniquename - :uniquename:
:repeatuniqueforeignkeys:

//repeatexternalforeignkeys
:repeatexternalforeignkeys:
uniquename - :uniquename:
        extablename - :extablename:
        exfkuniquename - :exfkuniquename:
:repeatexternalforeignkeys:

//repeatallexternalforeignkeys
:repeatallexternalforeignkeys:
uniquename - :uniquename:
        extablename - :extablename:
        exfkuniquename - :exfkuniquename:
:repeatallexternalforeignkeys:
```

```
//repeatexternalforeignkeys - ifrelational
:repeatexternalforeignkeys:
:ifrelational:
uniquename - :uniquename:
        extablename - :extablename:
        exfkuniquename - :exfkuniquename:
        reltablename - :reltablename:
        relfkuniquename - :relfkuniquename:
        relFkuniquename - :relFkuniquename:
:ifrelational:
:repeatexternalforeignkeys:
```