

## Worksheet 4

### Exercise 1

Create a `db_row(ResultSet, ListTuple)` predicate that instantiates a List in ListTuple with the tuples in ResultSet, producing by backtracking the different solutions. To make it easier, import all types of fields as atoms (strings).

### Exercise 2

Create in a file `yap_mysql.yap` the predicates `db_open/5`, `db_close/1` and `db_import/3`, as implemented in the theoretical class.

### Exercise 3

Import the `person`, `marriage`, and `parent` tables as extensional predicates. Add intentional predicates for the following concepts:

- 1) `grand_son/2`
- 2) `uncle/2`
- 3) `sibling/2`
- 4) `father/2`
- 5) `mother/2`
- 6) `divorced/1`
- 7) `first_born/1`
- 8) `widower/1`