# WSERS 2 - R exam

Time allowed: **90 minutes.**

**Total points:** **54 points**

**Exercise 1:** **30 points C2 + C3**

You are provided with an SQL file for people and cities. Run this script against your db.

Add a form for a person to register to your database.

You must ask for the person’s name and the person’s BirthCity (which must be a select list with possible options from the database). There should be one extra option -> “Please choose city” in the beginning of the select list. If the user did not change this, you must reply to him accordingly: “Please choose a city”!

IF someone is registering for a second time to your system -> you must display an error message, stating that double registration is invalid.

Make sure that the provided city id EXISTS in your database when creating a user!

**Exercise 2: 24 points: C1 + C4**

Create a PHP webpage that will initialize a PHP session and store in it the following variables (under these indices):

* ValueOfNumber – initially 0
* SelectedOption – initially 0

Add a form to this containing the following:

* One select list with the following options:
  + “Please select an operation” with value = 0
  + “Add” with value = 1
  + “Subtract” with value = 2
* One input type number
* One input type submit

The select list must keep as selected, the option stored in the session variable “SelectedOption”.

When the user submits the form:

* Update the SelectedOption session variable.
* According to what the user has selected (Add or Subtract), either Add or Subtract the given number (from the form) to the “ValueOfNumber” session variable.

Print the ValueOfNumber session variable.

Add one more form, with just one button that will DESTROY your session and allow the whole process to RESTART.