

# Homework 1

*Biostats597E*

*Due Feb 10th, 2016*

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Download the homework 1 database **Homework1/homework1.sqlite** from course website.

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You can print and turn in the homework when you come to class. It should contain all codes and partial output.

## Problem 1

Using the **countries** data: write a sql statement that finds the names of countries with population at least 2% of the total population.

## Problem 2 - duplicated emails

Using the **emails** data: write a sql statement that finds emails that have duplications in the data.

For this data, it should return

[ella@example.com](#)  
[emily@example.com](#)  
[tom@example.com](#)

## Problem 3 - who earns more than manger

The **salaries** table contains all employees including their managers. Every employee has an id and there is also a column for the manager id. For example, Joe's manager is id = 3 or Sam.

Write a sql statement to find employee names whose salarier are greater than their corresponding managers' salaries.

**Hint:** use self-join