

## CS 6314.001/002 - Assignment 3 - Top-Five Baby Names

**Due Date:** March 16, 2020

Every 10 years, the Social Security Administration provides data about the 1000 most popular boy and girl names for children born in the US for each gender at

<http://www.ssa.gov/OACT/babynames/>

<http://www.ssa.gov/OACT/babynames/top5names.html>

Your task for this assignment is to display the baby names and their popularity rankings for a given year and gender. You will implement the project using **AJAX** technology, **PHP** and **MySQL**.

On your html page (babynames.html), you will have one division element for results, two drop-down lists (for year and gender) and one button. Initially, you will not show any results. Once clicked on the button, you will call Ajax function, which will ultimately make a request for babynames.php on the server.

In babynames.php, you will connect to the database and fetch the top-five popular names for the selected year and gender. The default option for the year and gender is “All years” and “Both”, respectively.

The results will be passed to the client and will be used to dynamically change the contents of the division on the html page. Along with each baby name, you will also list the popularity ranking, gender and the year.

For database, you will create a table with following schema:

Database name: HW3

BabyNames (name, year, ranking, gender)

You can use attached sql file to insert records into your table.

**Important reminder:** Make sure your database name (HW3), table name and attribute names match with given names. If your database connection parameters are different from the default (host: localhost, username: root, password: root), ensure to change them as default while submitting your work. Otherwise you will lose points for not complying with the standards of the assignment.