

Project 6

Project 6 has a big learning curve for me. First, I had to get familiar with php function for sql which take a lot of time and help from a lot of people and resources, for example, “`mysqli_query()`” can be used the same way as “`$db->query()`” and `$csvFile=__DIR__.'File Location' + readCSV($csvFile)` is the same as `fopen('File Name', read mode)`. Second, I had to learnt different ways to used myPhpAdmin, for example, I could select tables using GUI and then click delete option, or I could type sql code to drop selected tables. I have also learnt to use ‘test’ which can be accessed using premade username and passwords. This helped me a lot when I was working locally on my computer.

Planning for the project, I started out with the idea of having 2 tables for boy names and girl names, I successfully create one of the table for girl, but I couldn’t create one for guy. I found out what potential error was which is about reading from text file line by line (there was a problem with ‘null’ value). As a result, I changed my whole plan for the project and create one table for both girls names and guys names. Furthermore, I have learnt how to trace error of php, html, sql.

I put code of different responsibility in different file’s name. Files include 1setup.php 2.db_connect.php 3.functions.php 4.index.php. Setup.php is responsible for setting up database by transferring data in text file to myPhpAdmin database. Db_connect is responsible for connecting database to php. Functions.php contains all functions that are used in the code including vote, getTop10Boys, getTop10Girls, and searchBabyName. After I understand how php methods are used, there was not much problem left.