Alex Voytovich

Census Program Description

This program is meant to display various census population data. It requests for the data from the census API, and sorts the data accordingly. The data will be stored in custom hash tables that are encapsulated by population stat classes. These classes hold all data for each year. Data such as population per month, population by state, as well as total population.

The UI has several elements to it. The first being year buttons. These will display all of the data for the year. That being total population, population by state, and population by month. Below that is the correlation text boxes and button. You will enter the starting month and year, and ending month and year, and this will display the population by month within that range as well as the correlation. The third section is below that, and that is to look up specific months or states. When a year, and a month or state is entered, the program will display the specific month or state population, as well as other states or months that have a similar populations. If only a year is entered, the program will display all the state or month populations for that year.