CSC 210 - Software Development
Programming Assignment 2

Due: Wednesday, September 21st at 11:59pm
Submit: CheapHouses.java to GS

Cheap Houses

As part of a study of how low-cost housing is distributed, a program is needed to visualize the relative location of such housing.

Requirements

A program is needed to read data from a CSV file that includes the addresses, prices and latitude/longitude coordinates of houses in a county. The program should read the address, price and coordinates and store them in a data structure such as a Map. Houses that cost less than $125000, for example, should be identified and their location should be plotted as small filled circles in a window to visualize their density and relative locations. The program should have a simple graphical user interface that allows a user to specify the CSV file to be read and the cutoff price for the visualization. Put the filename "houses.csv" in your text field so that the program opens with that filename already there.

The CSV file, houses.csv, will be provided along with an example of a possible GUI.

Submit your CheapHouses.java file.