```mermaid
flowchart TD
```

main()
Runs the program and calls the functions in a logical sequence
INPUT:None
OUTPUT:None

↓

loadcsv(SampleSuperstore.CSV)
Read CSV and transform into python data structures
Input: csv file string
Output: data(list of dictionaries)
Note: Each dictionary contains one datapoint from each column (population, city, #sales)

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calculate_median_sales_by_city(data)
Do math on each city entry to find median sales per city and subcategory
Input: (data) that is a list of dictionaries
Output: (label2)dictionary of each city to average sales

calculate_median_sales_by_segment(data)
do math on each sales entry to find the median sales on each subcategory and segment
Input: (data) that is a list of dictionaries
Output: (label1)dictionary of each segment to median sales

↓

write_results_to_csv(results_dict, filename, label1, label2)
Create a new csv file for these calculations and write content in here
Input:results_dict (dictionary), file
Output: none