

# CITIES PROJECT



class City is already created and contains following instance variables



**class City**

**String name**

**double latitude**

**double longitude**

**double longitude**

**int population**

**int rank**

**String state**

## CITYLIST ARRAY

Array cityList is already created and contains 1000 City objects

➡ `City[] cityList = new City[1000];`

Every item in the array contains an individual City object with all its data.

You can read each city's data:

➡ `City firstCity = cityList[0];`  
`firstCity.name` -> "Nashville"  
`firstCity.population`-> 634464

TODO

You are given method definitions and need to complete the body of each method.

Each method ,except camelCase , directly deals with cityList array.

You need to Iterate through each **City object in cityList array** and look for specific field depending on which method you are working on. ex:

```
public int population(String city){  
    //TODO  
  
    return -1;  
}
```



Iterate through each City object and look for a city name.  
Once you find it return its population