**For the small city data set, below is the output you can use when testing your assignment 4 code to verify that you are getting the correct results.**

Enter city code or press enter to stop: **c5**

There are 2 band(s) who are eligible to play at San Francisco, CA (C5).

Eligible Bands:

===============

Def Leppard : Jefferson Starship :

3 band(s) have already played at San Francisco, CA (C5).

Bands Already Performed:

========================

AC/DC : Aerosmith : ZZ Top :

Enter city code or press enter to stop: **f5**

There is 1 band(s) who is eligible to play at Miami, FL (F5).

Eligible Bands:

===============

Pearl Jam :

2 band(s) have already played at Miami, FL (F5).

Bands Already Performed:

========================

Electric Light Orchestra : The Cars :

Enter city code or press enter to stop: **n5**

There are 2 band(s) who are eligible to play at New York, NY (N5).

Eligible Bands:

===============

Billy Idol : Pearl Jam :

3 band(s) have already played at New York, NY (N5).

Bands Already Performed:

========================

AC/DC : Guns N Roses : Survivor :

Enter city code or press enter to stop: **t5**

There are 2 band(s) who are eligible to play at Dallas, TX (T5).

Eligible Bands:

===============

Aerosmith : Kiss :

4 band(s) have already played at Dallas, TX (T5).

Bands Already Performed:

========================

The B52s : The Police : The Who : Whitesnake :

Enter city code or press enter to stop: n1

There are 36 band(s) who are eligible to play at Niagara Falls, NY (N1).

Eligible Bands:

===============

ABBA : AC/DC : Aerosmith : Billy Idol : Black Sabbath : Chicago : Deep Purple : Def Leppard :

Dire Straits : Electric Light Orchestra : Foreigner : Green Day : Guns N Roses : INXS : Iron Maiden : Jefferson Starship :

Kiss : Matchbox Twenty : Nirvana : Pearl Jam : Queen : R.E.M : REO Speedwagon : Rush :

Santana : Survivor : The B52s : The Beach Boys : The Cars : The Doobie Brothers : The Doors : The Police :

The Who : Toto : VanHalen : ZZ Top :

3 band(s) have already played at Niagara Falls, NY (N1).

Bands Already Performed:

========================

Bon Jovi : Red Hot Chili Peppers : Whitesnake :

**For the large city data set, below is the output you can use when testing your assignment 4 code to verify that you are getting the correct results.**

Enter city code or press enter to stop: **c5**

There are 3 band(s) who are eligible to play at San Francisco, CA (C5).

Eligible Bands:

===============

Def Leppard : Jefferson Starship : U2 :

3 band(s) have already played at San Francisco, CA (C5).

Bands Already Performed:

========================

AC/DC : Aerosmith : ZZ Top :

Enter city code or press enter to stop: **f5**

There are 2 band(s) who are eligible to play at Miami, FL (F5).

Eligible Bands:

===============

Dire Straits : Journey :

2 band(s) have already played at Miami, FL (F5).

Bands Already Performed:

========================

Electric Light Orchestra : The Cars :

Enter city code or press enter to stop: n1

There are 53 band(s) who are eligible to play at Niagara Falls, NY (N1).

Eligible Bands:

===============

ABBA : AC/DC : Aerosmith : Billy Idol : Black Sabbath : Bon Jovi : Boston : Chicago :

Deep Purple : Def Leppard : Dire Straits : Eagles : Electric Light Orchestra : Elton John : Fleetwood Mac : Foreigner :

Genesis : Green Day : Guns N Roses : Heart : INXS : Iron Maiden : Jefferson Starship : Journey :

Kiss : Led Zeppelin : Madonna : Matchbox Twenty : Metallica : Michael Jackson : Nirvana : Pearl Jam :

Queen : R.E.M : REO Speedwagon : Red Hot Chili Peppers : Rush : Santana : Scorpions : Survivor :

The B52s : The Beach Boys : The Beatles : The Cars : The Doobie Brothers : The Doors : The Police : The Who :

Toto : U2 : VanHalen : Whitesnake : ZZ Top :

4 band(s) have already played at Niagara Falls, NY (N1).

Bands Already Performed:

========================

Earth Wind & Fire : Huey Lewis & the News : Pink Floyd : Tower of Power :

Enter city code or press enter to stop: **n5**

There is 1 band(s) who is eligible to play at New York, NY (N5).

Eligible Bands:

===============

Billy Idol :

4 band(s) have already played at New York, NY (N5).

Bands Already Performed:

========================

AC/DC : Guns N Roses : Pearl Jam : Survivor :

Enter city code or press enter to stop: **t5**

There are 2 band(s) who are eligible to play at Dallas, TX (T5).

Eligible Bands:

===============

Aerosmith : Kiss :

7 band(s) have already played at Dallas, TX (T5).

Bands Already Performed:

========================

Bon Jovi : INXS : Queen : The B52s : The Police : The Who : Whitesnake :