## Search Outlets

For this exercise, you will create an application that will read in and allow the user to search for news outlets and contacts. The application should allow the user to specify a search term (can be 1 or more words). Based on the input search term, the application should display any Media Outlets and Contacts that apply.

The following requirements apply:

1. MediaOutlets that contain the matching word in the Name should be returned
2. Contacts that contain the matching word in their profile should be returned
3. Contacts that match on Last Name exactly should be returned
4. Contacts that match on Title exactly should be returned
5. The count of both outlets and contacts should be returned
6. The application can be in any format you wish (e.g. console app, windows app, web app, etc…)
7. The finished application should compile and have no external dependencies (e.g. a database connection)
8. Feel free to use any third party/open source libraries

Attached are two JSON files, one that defines Outlets and one that defines Contacts that belong to outlets. The structure of the data is defined as follows:

|  |
| --- |
| Outlet |
| Id – int |
| Name – string |
| Contacts – list<contact> |

|  |
| --- |
| Contact |
| Id – int |
| OutletId - int |
| FirstName – string |
| LastName – string |
| Title – string |
| Profile – string |

Example Outlet Data:

{

  "id": 1374048,

  "name": "Educational Marketer"

},

Example Contact Data:

{

  "id": 4415401,

  "outletId": 1374048,

  "firstName": "Kathleen",

  "lastName": "Mickey",

  "title": "Managing Editor",

  "profile": "Mickey is the Managing Editor for Educational Marketer and Electronic Education Report and covers Print and Electronic Educational Publishing. Do not send photographs or article submissions as they only accept story ideas and press releases. She can be contacted via e-mail.  Mickey has served as the managing editor for Educational Marketer and Electronic Education Report since 2000."

},