**Exercise:**

Using the GitHub API write a program that does the following:

* Takes user input for a search term and lists the top 5 GitHub repositories matching that search term.
* For the returned repositories list the 5 most recent commits for each repository.

The output for repositories at a minimum should show:

* Owner name.
* Repository name.
* Repository URL.
* Created date.
* Last push date.

The output for commits should show:

* Committer name.
* Message (if applicable).
* SHA hash.
* Date.

**Restrictions:**

The only other restriction is that the program is written in C#. You are free to make any other technology choices (Console App, Website, .NET Core etc.).

You can spend as much time on it as you wish, however 1-2 hours should be more than enough time.

**References:**

* GitHub API Search endpoint: <https://developer.github.com/v3/search/#search-repositories>
* GitHub API Commits endpoint: <https://developer.github.com/v3/repos/commits/>

**Tips:**

* The GitHub API requires a User-Agent header: <https://developer.github.com/v3/#user-agent-required>
* You may need to enable UnsafeHeaderParsing: <https://social.msdn.microsoft.com/Forums/vstudio/en-US/2b02ad0e-623b-457d-ab9d-fa8b509b349e/the-famous-httpwebrequest-the-server-committed-a-protocol-violation-sectionresponsestatusline?forum=csharpgeneral>