

CSC 435-01 –Assignment 2

Tue 11 Sep 2018

Due: Wed 19 Sep 2018, 11:59pm

Objectives:

Write a very simple web scraper.

Tasks:

1. Start with the "Fetching a URL" example from Chapter 1 of *The Go Programming Language*. You can get the source code, build it, and run it as follows:

```
go get gopl.io/ch1/fetch
go build gopl.io/ch1/fetch
./fetch http://www.tcnj.edu/
```

2. **Find and display all the links within the fetched URL.** For the purpose of this assignment, a link is considered to be the text following the string
 href="
up until the closing quote
 "
3. If a link is relative, i.e. it doesn't begin with "http://", then translate the link to an absolute URL. For example, if the fetched URL for <http://www.tcnj.edu> contains a link
 href="lions.html"
then prepend the fetched page URL, resulting in
 <http://www.tcnj.edu/lions.html>
4. Save a screenshot of your program output in your go lang program folder.
5. Zip your go lang program folder and upload it to Canvas.