

Cues:	Notes:
<p>webbrowser.open()</p> <p>urllib sidenote</p> <p>requests.get()</p> <p>Response.status_code</p> <p>Response.raise_for_status()</p> <p>Binary writing</p> <p>Response.iter_content()</p>	<ol style="list-style-type: none"> 1. Scraping the web: <ol style="list-style-type: none"> a. Using the webbrowser module: <ol style="list-style-type: none"> i. webbrowser.open() takes a web address as a string parameter and opens a browser window pointing to that page. b. Using the third-party requests module: <ol style="list-style-type: none"> i. requests uses Python's built-in urllib module internally, which apparently was the old / original way of accessing web URL's in Python. ii. requests.get() accesses a given web address and returns the server's Response as an object. iii. The Response.status_code attribute can be checked against the requests.codes.* status codes to verify the response status. iv. The Response.raise_for_status() method will throw an exception if the response contains an error. v. When writing downloads to a file, the write-binary ('wb') open mode should be used. vi. The Response.iter_content() method can be used ex. in a for loop to iterate over chunks of the data being downloaded.
<p>Running pip</p> <p>Installing with pip</p>	<ol style="list-style-type: none"> 2. Installing third-party modules: <ol style="list-style-type: none"> a. Using pip: <ol style="list-style-type: none"> i. Pip can be ran using either the 'Python\Scripts\pip' executable or by running python -m pip. ii. Running 'pip install' followed by the desired module name will attempt to install the module from PyPI.

Summary/Reflection: