

BeautifulSoup (parse a website)

```
from bs4 import BeautifulSoup      import module

soup = BeautifulSoup(html,         create new object
"lxml")

S = soup.find('a')                 finds first <a> tags

S_all = soup.find_all('a')         finds all <a> tags, saves as
list

S_list = soup.find_all(['a',       finds all <a> and <b> tags
'b'])

S_all_tags =                        finds all tags <> and no text
soup.find_all(True)
```

Requests

```
import requests                    import module

S = requests.get(url)              get html

S.content                           url content in object form
```

QT (Graphical Interface)

Selenium (automated web experience)

```
import selenium                    import module
```

JSON (write or read from JSON file)

```
import json                         import module

J = json.dumps(data)                saves dictionary to JSON
format

J_sorted = json.dumps(data,         saves dictionary to JSON
sort_keys = True)                  format but in the order
```

Scrapy (web crawler)

C

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Page 1 of 1.

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