A simple WebScrapper with BeautifulSoup

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This code scrapes a website for book information and stores it in a pandas DataFrame for further analysis. It uses the requests and BeautifulSoup libraries to retrieve and parse HTML content, and extracts book titles, prices, and availabilities from the webpage using BeautifulSoup. The resulting DataFrame contains information about all of the books on the webpage.

```
[2]: # Import the necessary libraries

import requests # used for making HTTP requests
from bs4 import BeautifulSoup # used for web scraping
import pandas as pd # used for data manipulation and analysis
```

This part of the code imports the necessary libraries to scrape data from a website, parse the HTML content, and manipulate the data using pandas.

```
[3]: # Set the URL of the website we want to scrape

url = "https://books.toscrape.com/"
```

- [4]: # Send an HTTP GET request to the specified URL and get the response response = requests.get(url)
- [21]: response
- [21]: <Response [200]>
- [5]: # Extract the content of the HTTP response

 content = response.content
- [23]: content

```
All products | Books to Scrape - Sandbox\n</title>\n\n
equiv="content-type" content="text/html; charset=UTF-8" />\n
                                                                       <meta
name="created" content="24th Jun 2016 09:29" />\n
name="description" content="" />\n
                                           <meta name="viewport"</pre>
content="width=device-width" />\n
                                          <meta name="robots"</pre>
content="NOARCHIVE, NOCACHE" />\n\n
                                           <!-- Le HTML5 shim, for IE6-8 support
of HTML elements -->\n
                               <!--[if lt IE 9]>\n
                                                           <script
src="//html5shim.googlecode.com/svn/trunk/html5.js"></script>\n
<![endif]-->\n\n
                                       <link rel="shortcut icon"</pre>
                         \n
href="static/oscar/favicon.ico" />\n
                                             n\n
<link rel="stylesheet" type="text/css" href="static/oscar/css/styles.css" />\n
      <link rel="stylesheet" href="static/oscar/js/bootstrap-</pre>
datetimepicker/bootstrap-datetimepicker.css" />\n
                                                       <link rel="stylesheet"</pre>
type="text/css" href="static/oscar/css/datetimepicker.css" />\n\n\n
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</head>\n\n
               <body id="default" class="default">\n
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      <header class="header container-fluid">\n
                                                         <div
class="page inner">\n
                                  <div class="row">\n
class="col-sm-8 h1"><a href="index.html">Books to Scrape</a><small> We love
being scraped!</small>\n</div>\n\n
                                                    \n
                                    \n<div class="container-fluid page">\n
            </header>\n\n
<div class="page inner">\n
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                                         \n
                                                                            \langle li \rangle \n
<a href="index.html">Home</a>\n
                                        \n
                                                        All
                                     <div class="row">\n\n
products

n
                                                                        <aside
class="sidebar col-sm-4 col-md-3">\n
                                                                         <div
                                                      \n
id="promotions left">\n
                                                               </div>\n
      \n
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                                 <div class="side_categories">\n
                                                                              ul
class="nav nav-list">\n
<a href="catalogue/category/books_1/index.html">\n
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                                                               </a>\n\n
Books\n
\langle ul \rangle \n
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<a href="catalogue/category/books/travel_2/index.html">\n
                                   Travel\n
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</a>\n\n
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                       \langle li \rangle \ n
href="catalogue/category/books/mystery_3/index.html">\n
                                   Mystery\n
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</a>\n\n
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                       \langle li \rangle \n
                                                      <a
href="catalogue/category/books/historical-fiction_4/index.html">\n
                                   Historical Fiction\n
                           </a>\n\n
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                                         \langle li \rangle \n
                                                                         <a
href="catalogue/category/books/sequential-art_5/index.html">\n
                                   Sequential Art\n
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href="catalogue/category/books/classics_6/index.html">\n
                                      Classics\n
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                                                          <a
href="catalogue/category/books/philosophy_7/index.html">\n
                                      Philosophy\n
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</a>\n\n
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                                                          <a
href="catalogue/category/books/romance_8/index.html">\n
                                     Romance\n
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</a>\n\n
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                        \langle li \rangle \
href="catalogue/category/books/womens-fiction_9/index.html">\n
                                      Womens Fiction\n
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</a>\n\n
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                        \langle li \rangle \n
                                                          <a
href="catalogue/category/books/fiction_10/index.html">\n
                                      Fiction\n
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</a>\n\n
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                        \langle li \rangle \n
href="catalogue/category/books/childrens_11/index.html">\n
                                      Childrens\n
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                                                          <a
href="catalogue/category/books/religion_12/index.html">\n
                                      Religion\n
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                                                          <a
href="catalogue/category/books/nonfiction_13/index.html">\n
                                     Nonfiction\n
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                        \langle li \rangle \n
href="catalogue/category/books/music_14/index.html">\n
                                      Music\n
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</a>\n\n
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                        \langle li \rangle \ n
                                                          <a
href="catalogue/category/books/default_15/index.html">\n
                                     Default\n
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</a>\n\n
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                        \langle li \rangle \n
href="catalogue/category/books/science-fiction_16/index.html">\n
                                      Science Fiction\n
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                             </a>\n\n
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                                            \langle li \rangle \n
                                                                              <a
href="catalogue/category/books/sports-and-games_17/index.html">\n
                                      Sports and Games\n
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                                                                               <a
href="catalogue/category/books/add-a-comment_18/index.html">\n
                                      Add a comment\n
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</a>\n\n
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                                                           <a
href="catalogue/category/books/fantasy_19/index.html">\n
                                      Fantasy\n
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                         \langle li \rangle \
href="catalogue/category/books/new-adult_20/index.html">\n
                                      New Adult\n
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                                                           <a
href="catalogue/category/books/young-adult_21/index.html">\n
                                      Young Adult\n
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                                                           <a
href="catalogue/category/books/science_22/index.html">\n
                                      Science\n
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</a>\n\n
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                                                           <a
href="catalogue/category/books/poetry_23/index.html">\n
                                      Poetry\n
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</a>\n\n
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                                                           <a
href="catalogue/category/books/paranormal_24/index.html">\n
                                      Paranormal\n
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</a>\n\n
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                         \langle li \rangle \
                                                           <a
href="catalogue/category/books/art_25/index.html">\n
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                                      Art\n
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</a>\n\n
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                         \langle li \rangle \n
                                                           <a
href="catalogue/category/books/psychology_26/index.html">\n
                                      Psychology\n
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</a>\n\n
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                         \langle li \rangle \
href="catalogue/category/books/autobiography_27/index.html">\n
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                                      Autobiography\n
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                                                           <a
href="catalogue/category/books/parenting_28/index.html">\n
                                      Parenting\n
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</a>\n\n
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                                                           <a
href="catalogue/category/books/adult-fiction_29/index.html">\n
                                      Adult Fiction\n
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                                                         <a
href="catalogue/category/books/humor_30/index.html">\n
                                     Humor\n
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href="catalogue/category/books/horror_31/index.html">\n
                                     Horror\n
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                                                         <a
href="catalogue/category/books/history_32/index.html">\n
                                     History\n
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                                                         <a
href="catalogue/category/books/food-and-drink_33/index.html">\n
                                     Food and Drink\n
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</a>\n\n
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                                                         <a
href="catalogue/category/books/christian-fiction_34/index.html">\n
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                                     Christian Fiction\n
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href="catalogue/category/books/business_35/index.html">\n
                                     Business\n
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href="catalogue/category/books/biography_36/index.html">\n
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                                     Biography\n
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</a>\n\n
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                                                         <a
href="catalogue/category/books/thriller_37/index.html">\n
                                     Thriller\n
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</a>\n\n
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                        \langle li \rangle \n
href="catalogue/category/books/contemporary_38/index.html">\n
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                                     Contemporary\n
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</a>\n\n
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                                                         <a
href="catalogue/category/books/spirituality_39/index.html">\n
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                                     Spirituality\n
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</a>\n\n
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                        \langle li \rangle \ n
href="catalogue/category/books/academic_40/index.html">\n
                                     Academic\n
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                        \langle li \rangle \ n
href="catalogue/category/books/self-help_41/index.html">\n
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                                    Self Help\n
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href="catalogue/category/books/historical_42/index.html">\n
                                    Historical\n
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href="catalogue/category/books/christian_43/index.html">\n
                                    Christian\n
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href="catalogue/category/books/suspense\_44/index.html">\n
                                    Suspense\n
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                                                       <a
href="catalogue/category/books/short-stories_45/index.html">\n
                                    Short Stories\n
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</a>\n\n
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                                                       <a
href="catalogue/category/books/novels_46/index.html">\n
                                    Novels\n
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</a>\n\n
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href="catalogue/category/books/health_47/index.html">\n
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                                    Health\n
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                                                       <a
href="catalogue/category/books/politics_48/index.html">\n
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                                    Politics\n
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                                                       <a
href="catalogue/category/books/cultural_49/index.html">\n
                                    Cultural\n
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</a>\n\n
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href="catalogue/category/books/erotica_50/index.html">\n
                                    Erotica\n
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                                                       <a
href="catalogue/category/books/crime_51/index.html">\n
                                    Crime\n
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</a>\n\
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</div>\n
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                                    </aside>\n\n
                                                              <div class="col-sm-8"
col-md-9">\n
                                                 <div class="page-header action">\n
                              \n
<h1>All products</h1>\n
                                         </div>\n
                                                                   n\n
\n \n \n \div id="messages">\n \n \div>\n \n
                                                               <div
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```
id="promotions">\n
                                                    </div>\n\
     <form method="get" class="form-horizontal">\n
                                                                 <div
                                                       \n
style="display:none">\n
                                 \n
                                                       </div>\n\
                                     <strong>1000</strong> results - showing
<strong>1</strong> to <strong>20</strong>.\n
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         \n
               </form>\n
                           \n
                                    <section>\n
                                                          <div class="alert
alert-warning" role="alert"><strong>Warning!</strong> This is a demo website for
web scraping purposes. Prices and ratings here were randomly assigned and have
no real meaning.</div>\n\n
                                    <div>\n
                                                         \n
                        <article class="product pod">\n
lg-3">\n\n\n\n\n
<div class="image_container">\n
                                                                 \n
<a href="catalogue/a-light-in-the-attic_1000/index.html"><img</pre>
src="media/cache/2c/da/2cdad67c44b002e7ead0cc35693c0e8b.jpg" alt="A Light in the
Attic" class="thumbnail"></a>\n
                                                \n
</div>\n
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                                                        rating Three">\n
                                  <i class="icon-star"></i>\n
<i class="icon-star"></i>\n
                                            <i class="icon-star"></i>\n
<i class="icon-star"></i>\n
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                                                   <h3><a
href="catalogue/a-light-in-the-attic_1000/index.html" title="A Light in the
Attic">A Light in the ...</a></h3>\n
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                                                                <div
class="product_price">\n
                                     n n n n n
                                        \n<p class="instock
class="price color">\xc2\xa351.77\n
availability">\n
                  <i class="icon-ok"></i>\n
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                                                       In stock\n
nn
                                             n n n n n n
                                                                    <form>\n
<button type="submit" class="btn btn-primary btn-block" data-loading-</pre>
text="Adding...">Add to basket</button>\n
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                    </article>\n\n\n
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                                                              <article
class="product_pod">\n
                                         <div class="image_container">\n
                            \n
                                         <a href="catalogue/tipping-the-
velvet_999/index.html"><img</pre>
src="media/cache/26/0c/260c6ae16bce31c8f8c95daddd9f4a1c.jpg" alt="Tipping the
Velvet" class="thumbnail"></a>\n
                                                 \n
</div>\n
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                                                        rating One">\n
                                <i class="icon-star"></i>\n
<i class="icon-star"></i>\n
                                            <i class="icon-star"></i>\n
<i class="icon-star"></i>\n
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                                                   <h3><a
href="catalogue/tipping-the-velvet 999/index.html" title="Tipping the
Velvet">Tipping the Velvet</a></h3>\n
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                                                                   <div
class="product price">\n
                                     n\n\n\n\n
class="price_color">\xc2\xa353.74\n
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                  <i class="icon-ok"></i>\n
availability">\n
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<button type="submit" class="btn btn-primary btn-block" data-loading-</pre>
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text="Adding...">Add to basket</button>\n
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</div>\n
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class="product_pod">\n
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                                        <div class="image_container">\n
href="catalogue/soumission_998/index.html"><img
src="media/cache/3e/ef/3eef99c9d9adef34639f510662022830.jpg" alt="Soumission"
class="thumbnail"></a>\n
</div>\n
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rating One">\n
                               <i class="icon-star"></i>\n
<i class="icon-star"></i>\n
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<i class="icon-star"></i>\n
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href="catalogue/soumission_998/index.html"
title="Soumission">Soumission</a></h3>\n
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class="product_price">\n
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class="price_color">\xc2\xa350.10\n
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availability">\n
                  <i class="icon-ok"></i>\n
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<button type="submit" class="btn btn-primary btn-block" data-loading-</pre>
text="Adding...">Add to basket</button>\n
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class="product pod">\n
                                        <div class="image container">\n
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                                        <a href="catalogue/sharp-
\n
objects 997/index.html"><img
src="media/cache/32/51/3251cf3a3412f53f339e42cac2134093.jpg" alt="Sharp Objects"
class="thumbnail"></a>\n
                                        \n
</div>\n
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                                                       <i class="icon-star"></i>\n
rating Four">\n
<i class="icon-star"></i>\n
                                           <i class="icon-star"></i>\n
<i class="icon-star"></i>\n
                                           <i class="icon-star"></i>\n
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                                                  <h3><a
href="catalogue/sharp-objects_997/index.html" title="Sharp Objects">Sharp
0bjects</a></h3>\n
                        n\n
                                   \n
class="product_price">\n
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                                                               <p
class="price_color">\xc2\xa347.82\n
                                       \n\n<p class="instock
availability">\n
                  <i class="icon-ok"></i>\n
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                                                                  <form>\n
<button type="submit" class="btn btn-primary btn-block" data-loading-</pre>
text="Adding...">Add to basket</button>\n
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</div>\n
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                    </article>\n\n\n
                                                          \n
\n\n\n\n\n\n\n
class="product_pod">\n
                                        <div class="image_container">\n
                           \n
                                        <a href="catalogue/sapiens-a-brief-</pre>
\n
history-of-humankind_996/index.html"><img
src="media/cache/be/a5/bea5697f2534a2f86a3ef27b5a8c12a6.jpg" alt="Sapiens: A
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Brief History of Humankind" class="thumbnail"></a>\n
                                                                   \n
             </div>\n
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                                       \n
                                                    \n
                                                                     <p
class="star-rating Five">\n
                                           <i class="icon-star"></i>\n
<i class="icon-star"></i>\n
                                           <i class="icon-star"></i>\n
<i class="icon-star"></i>\n
                                           <i class="icon-star"></i>\n
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                                                  <h3><a
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                                     \n
href="catalogue/sapiens-a-brief-history-of-humankind 996/index.html"
title="Sapiens: A Brief History of Humankind">Sapiens: A Brief History
...</a></h3>\n
                             \n
                                          <div class="product price">\n
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                          \xc2\xa354.23\n
class="instock availability">\n
                                <i class="icon-ok"></i>\n
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stock\n
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<form>\n
              <button type="submit" class="btn btn-primary btn-block" data-</pre>
loading-text="Adding...">Add to basket</button>\n
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                                 </article>\n\n\n
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                                                             <article
class="product_pod">\n
                                        <div class="image_container">\n
                           \n
                                        <a href="catalogue/the-requiem-</pre>
red_995/index.html"><img
src="media/cache/68/33/68339b4c9bc034267e1da611ab3b34f8.jpg" alt="The Requiem
Red" class="thumbnail"></a>\n
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</div>\n
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rating One">\n
                               <i class="icon-star"></i>\n
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                                                  <h3><a
                                     \n
href="catalogue/the-requiem-red_995/index.html" title="The Requiem Red">The
Requiem Red</a></h3>\n
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                  \n
                            \n
                                   \n</footer>\n\n
                                                            \n
                                                                      n \n
      <!-- jQuery -->\n
                                   <script src="http://ajax.googleapis.com/ajax/libs/j</pre>
      query/1.9.1/jquery.min.js"></script>\n
                                                       <script>window.jQuery ||
      document.write(\'<script</pre>
      src="static/oscar/js/jquery/jquery-1.9.1.min.js"><\\/script>\\/
      n \n\n
                       \n
                                       \n
                                                       <!-- Twitter Bootstrap -->\n
      <script type="text/javascript"</pre>
      src="static/oscar/js/bootstrap3/bootstrap.min.js"></script>\n
               <script src="static/oscar/js/oscar/ui.js" type="text/javascript"</pre>
      charset="utf-8"></script>\n\n
                                      <script src="static/oscar/js/bootstrap-</pre>
      datetimepicker/bootstrap-datetimepicker.js" type="text/javascript"
      charset="utf-8"></script>\n
                                    <script src="static/oscar/js/bootstrap-</pre>
      datetimepicker/locales/bootstrap-datetimepicker.all.js" type="text/javascript"
      charset="utf-8"></script>\n\n\n
                                            \n
                                                      \n
                                                            n\n
                                                                     n\n
      <script type="text/javascript">\n
                                                   $(function() {\n
                                                                                   \n
                                      oscar.search.init();\n\n
                 oscar.init();\n\n
                                                                           });\n
      </script>\n\n
                                    <!-- Version: N/A -->\n
                           \n
                                                                    \n
      </body>\n</html>\n'
 [6]: | # Use BeautifulSoup to parse the HTML content of the website
      soup = BeautifulSoup(content, 'html.parser')
[22]: soup
[22]: <!DOCTYPE html>
      <!--[if lt IE 7]>
                            <html lang="en-us" class="no-js lt-ie9 lt-ie8 lt-ie7">
      <![endif]-->
      <!--[if IE 7]>
                            <html lang="en-us" class="no-js lt-ie9 lt-ie8">
      <![endif]-->
      <!--[if IE 8]>
                            <html lang="en-us" class="no-js lt-ie9"> <![endif]-->
      <!--[if gt IE 8]><!--> <html class="no-js" lang="en-us"> <!--<![endif]-->
      <head>
      <title>
         All products | Books to Scrape - Sandbox
      </title>
      <meta content="text/html; charset=utf-8" http-equiv="content-type"/>
      <meta content="24th Jun 2016 09:29" name="created"/>
      <meta content="" name="description"/>
      <meta content="width=device-width" name="viewport"/>
      <meta content="NOARCHIVE,NOCACHE" name="robots"/>
```

```
<!-- Le HTML5 shim, for IE6-8 support of HTML elements -->
<!--[if lt IE 9]>
       <script src="//html5shim.googlecode.com/svn/trunk/html5.js"></script>
       <![endif]-->
<link href="static/oscar/favicon.ico" rel="shortcut icon"/>
<link href="static/oscar/css/styles.css" rel="stylesheet" type="text/css"/>
<link href="static/oscar/js/bootstrap-datetimepicker/bootstrap-</pre>
datetimepicker.css" rel="stylesheet"/>
<link href="static/oscar/css/datetimepicker.css" rel="stylesheet"</pre>
type="text/css"/>
</head>
<body class="default" id="default">
<header class="header container-fluid">
<div class="page_inner">
<div class="row">
<div class="col-sm-8 h1"><a href="index.html">Books to Scrape</a><small> We love
being scraped!</small>
</div>
</div>
</div>
</header>
<div class="container-fluid page">
<div class="page_inner">
<1i>
<a href="index.html">Home</a>
All products
<div class="row">
<aside class="sidebar col-sm-4 col-md-3">
<div id="promotions_left">
</div>
<div class="side_categories">
<1i>>
<a href="catalogue/category/books_1/index.html">
                              Books
                       </a>
ul>
<
<a href="catalogue/category/books/travel_2/index.html">
```

Travel

```
</a>
<
<a href="catalogue/category/books/mystery_3/index.html">
                             Mystery
                      </a>
<
<a href="catalogue/category/books/historical-fiction_4/index.html">
                             Historical Fiction
                      </a>
<
<a href="catalogue/category/books/sequential-art_5/index.html">
                             Sequential Art
                      </a>
<
<a href="catalogue/category/books/classics_6/index.html">
                             Classics
                      </a>
<
<a href="catalogue/category/books/philosophy_7/index.html">
                             Philosophy
                      </a>
>
<a href="catalogue/category/books/romance_8/index.html">
                             Romance
                      </a>
<
<a href="catalogue/category/books/womens-fiction_9/index.html">
```

Womens Fiction

| < | | |
|--|------------|-------------------------------|
| | gory/boo | ks/fiction_10/index.html"> |
| | | Fiction |
| | | |
| | | |
| | | |
| | | |
| | gory/boo | ks/childrens_11/index.html"> |
| | | Childrens |
| | | |
| | | |
| | | |
| < | | |
| <a href="catalogue/cate</td><td>gory/boo</td><td>ks/religion_12/index.html"> | | |
| | | Religion |
| | | 1,01181011 |
| | | |
| | ι, ω | |
| | | |
| | gory/boo | ks/nonfiction_13/index.html"> |
| <pre><a catalogue="" cate<="" nrei-="" pre=""></pre> | gor yy boo | ks/nonriction_15/index.ntmr > |
| | | Nonfiction |
| | | |
| | | |
| | | |
| < | | |
| <pre></pre> | | |
| | | Music |
| | | |
| . (7.) | | |
| | | |
| <1i>< | | |
| <a href="catalogue/cate</td><td>gory/boo</td><td>ks/default_15/index.html"> | | |
| | | Default |
| | . / . | |
| . /7 : > | | |
| | | |
| < | | |

```
<a href="catalogue/category/books/science-fiction_16/index.html">
                              Science Fiction
                      </a>
<
<a href="catalogue/category/books/sports-and-games_17/index.html">
                              Sports and Games
                      </a>
<1i>>
<a href="catalogue/category/books/add-a-comment_18/index.html">
                              Add a comment
                      </a>
<
<a href="catalogue/category/books/fantasy_19/index.html">
                              Fantasy
                      </a>
<
<a href="catalogue/category/books/new-adult_20/index.html">
                              New Adult
                      </a>
<1i>>
<a href="catalogue/category/books/young-adult_21/index.html">
                              Young Adult
                      </a>
<
<a href="catalogue/category/books/science_22/index.html">
                              Science
```



```
<
<a href="catalogue/category/books/poetry_23/index.html">
                             Poetry
                      </a>
<
<a href="catalogue/category/books/paranormal_24/index.html">
                             Paranormal
                      </a>
<
<a href="catalogue/category/books/art_25/index.html">
                             Art
                      </a>
<
<a href="catalogue/category/books/psychology_26/index.html">
                             Psychology
                      </a>
<
<a href="catalogue/category/books/autobiography_27/index.html">
                             Autobiography
                      </a>
<1i>>
<a href="catalogue/category/books/parenting_28/index.html">
                             Parenting
                      </a>
<
<a href="catalogue/category/books/adult-fiction_29/index.html">
```

Adult Fiction

```
</a>
<
<a href="catalogue/category/books/humor_30/index.html">
                             Humor
                      </a>
<
<a href="catalogue/category/books/horror_31/index.html">
                             Horror
                      </a>
<
<a href="catalogue/category/books/history_32/index.html">
                             History
                      </a>
<
<a href="catalogue/category/books/food-and-drink_33/index.html">
                             Food and Drink
                      </a>
<
<a href="catalogue/category/books/christian-fiction_34/index.html">
                             Christian Fiction
                      </a>
<
<a href="catalogue/category/books/business_35/index.html">
                             Business
                      </a>
<
<a href="catalogue/category/books/biography_36/index.html">
```

```
Biography
                      </a>
<
<a href="catalogue/category/books/thriller_37/index.html">
                             Thriller
                      </a>
<
<a href="catalogue/category/books/contemporary_38/index.html">
                             Contemporary
                      </a>
<1i>>
<a href="catalogue/category/books/spirituality_39/index.html">
                             Spirituality
                      </a>
<
<a href="catalogue/category/books/academic_40/index.html">
                             Academic
                      </a>
<
<a href="catalogue/category/books/self-help_41/index.html">
                             Self Help
                      </a>
<
<a href="catalogue/category/books/historical_42/index.html">
                             Historical
                      </a>
```

```
<
<a href="catalogue/category/books/christian_43/index.html">
                             Christian
                      </a>
<
<a href="catalogue/category/books/suspense_44/index.html">
                             Suspense
                      </a>
<
<a href="catalogue/category/books/short-stories_45/index.html">
                             Short Stories
                      </a>
<
<a href="catalogue/category/books/novels_46/index.html">
                             Novels
                      </a>
<
<a href="catalogue/category/books/health_47/index.html">
                             Health
                      </a>
<
<a href="catalogue/category/books/politics_48/index.html">
                             Politics
                      </a>
<
<a href="catalogue/category/books/cultural_49/index.html">
```

Cultural

```
</a>
<
<a href="catalogue/category/books/erotica_50/index.html">
                            Erotica
                     </a>
<
<a href="catalogue/category/books/crime_51/index.html">
                            Crime
                     </a>
</div>
</aside>
<div class="col-sm-8 col-md-9">
<div class="page-header action">
<h1>All products</h1>
</div>
<div id="messages">
</div>
<div id="promotions">
</div>
<form class="form-horizontal" method="get">
<div style="display:none">
</div>
<strong>1000</strong> results - showing <strong>1</strong> to
<strong>20</strong>.
   </form>
<section>
<div class="alert alert-warning" role="alert"><strong>Warning!</strong> This is
a demo website for web scraping purposes. Prices and ratings here were randomly
assigned and have no real meaning.</div>
<div>
<article class="product_pod">
<div class="image_container">
```

```
<a href="catalogue/a-light-in-the-attic_1000/index.html"><img alt="A Light in</pre>
the Attic" class="thumbnail"
src="media/cache/2c/da/2cdad67c44b002e7ead0cc35693c0e8b.jpg"/></a>
<i class="icon-star"></i></i>
<i class="icon-star"></i></i>
<i class="icon-star"></i></i></or>
<i class="icon-star"></i></i>
<i class="icon-star"></i></i>
<h3><a href="catalogue/a-light-in-the-attic_1000/index.html" title="A Light in
the Attic">A Light in the ...</a></h3>
<div class="product_price">
£51.77
<i class="icon-ok"></i></i>
       In stock
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..."</pre>
type="submit">Add to basket</button>
</form>
</div>
</article>
<article class="product_pod">
<div class="image_container">
<a href="catalogue/tipping-the-velvet_999/index.html"><img alt="Tipping the")</pre>
Velvet" class="thumbnail"
src="media/cache/26/0c/260c6ae16bce31c8f8c95daddd9f4a1c.jpg"/></a>
<i class="icon-star"></i></i>
<i class="icon-star"></i></i>
<i class="icon-star"></i></i>
<i class="icon-star"></i></i>
<i class="icon-star"></i></i>
<h3><a href="catalogue/tipping-the-velvet_999/index.html" title="Tipping the
Velvet">Tipping the Velvet</a></h3>
<div class="product_price">
£53.74
```

```
<i class="icon-ok"></i></i>
      In stock
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..."</pre>
type="submit">Add to basket</button>
</form>
</div>
</article>
<article class="product_pod">
<div class="image_container">
<a href="catalogue/soumission_998/index.html"><img alt="Soumission"</pre>
class="thumbnail"
src="media/cache/3e/ef/3eef99c9d9adef34639f510662022830.jpg"/></a>
<i class="icon-star"></i>
<i class="icon-star"></i></i>
<i class="icon-star"></i>
<i class="icon-star"></i></i>
<i class="icon-star"></i></i>
<h3><a href="catalogue/soumission_998/index.html"
title="Soumission">Soumission</a></h3>
<div class="product_price">
£50.10
<i class="icon-ok"></i>
      In stock
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..."</pre>
type="submit">Add to basket</button>
</form>
</div>
</article>
<article class="product_pod">
<div class="image_container">
<a href="catalogue/sharp-objects_997/index.html"><img alt="Sharp Objects"</pre>
```

```
class="thumbnail"
src="media/cache/32/51/3251cf3a3412f53f339e42cac2134093.jpg"/></a>
<i class="icon-star"></i></i>
<i class="icon-star"></i></i>
<i class="icon-star"></i></i>
<i class="icon-star"></i></i></or>
<i class="icon-star"></i></i>
<h3><a href="catalogue/sharp-objects_997/index.html" title="Sharp Objects">Sharp
Objects</a></h3>
<div class="product_price">
£47.82
<i class="icon-ok"></i></i>
      In stock
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..."</pre>
type="submit">Add to basket</button>
</form>
</div>
</article>
<article class="product_pod">
<div class="image_container">
<a href="catalogue/sapiens-a-brief-history-of-humankind 996/index.html"><img</pre>
alt="Sapiens: A Brief History of Humankind" class="thumbnail"
src="media/cache/be/a5/bea5697f2534a2f86a3ef27b5a8c12a6.jpg"/></a>
</div>
<i class="icon-star"></i></i>
<i class="icon-star"></i></i>
<i class="icon-star"></i></i>
<i class="icon-star"></i></i>
<i class="icon-star"></i></i>
<h3><a href="catalogue/sapiens-a-brief-history-of-humankind_996/index.html"
title="Sapiens: A Brief History of Humankind">Sapiens: A Brief History
...</a></h3>
<div class="product_price">
£54.23
```

```
<i class="icon-ok"></i></i>
       In stock
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..."</pre>
type="submit">Add to basket</button>
</form>
</div>
</article>
<article class="product_pod">
<div class="image_container">
<a href="catalogue/the-requiem-red_995/index.html"><img alt="The Requiem Red"</pre>
class="thumbnail"
src="media/cache/68/33/68339b4c9bc034267e1da611ab3b34f8.jpg"/></a>
<i class="icon-star"></i>
<i class="icon-star"></i></i>
<i class="icon-star"></i>
<i class="icon-star"></i></i>
<i class="icon-star"></i></i>
<h3><a href="catalogue/the-requiem-red_995/index.html" title="The Requiem"
Red">The Requiem Red</a></h3>
<div class="product_price">
£22.65
<i class="icon-ok"></i>
       In stock
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..."</pre>
type="submit">Add to basket</button>
</form>
</div>
</article>
<article class="product_pod">
<div class="image_container">
<a href="catalogue/the-dirty-little-secrets-of-getting-your-dream-</pre>
```

```
job_994/index.html"><img alt="The Dirty Little Secrets of Getting Your Dream
Job" class="thumbnail"
src="media/cache/92/27/92274a95b7c251fea59a2b8a78275ab4.jpg"/></a>
<i class="icon-star"></i></i>
<i class="icon-star"></i></i>
<i class="icon-star"></i></i>
<i class="icon-star"></i></i>
<i class="icon-star"></i></i>
<h3><a href="catalogue/the-dirty-little-secrets-of-getting-your-dream-
job_994/index.html" title="The Dirty Little Secrets of Getting Your Dream
Job">The Dirty Little Secrets ...</a></h3>
<div class="product_price">
£33.34
<i class="icon-ok"></i>
       In stock
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..."</pre>
type="submit">Add to basket</button>
</form>
</div>
</article>
<article class="product_pod">
<div class="image_container">
<a href="catalogue/the-coming-woman-a-novel-based-on-the-life-of-the-infamous-</pre>
feminist-victoria-woodhull_993/index.html"><img alt="The Coming Woman: A Novel
Based on the Life of the Infamous Feminist, Victoria Woodhull" class="thumbnail"
src="media/cache/3d/54/3d54940e57e662c4dd1f3ff00c78cc64.jpg"/></a>
</div>
<i class="icon-star"></i></i></or>
<i class="icon-star"></i></i>
<i class="icon-star"></i></i>
<i class="icon-star"></i></i>
<i class="icon-star"></i></i>
<h3><a href="catalogue/the-coming-woman-a-novel-based-on-the-life-of-the-
infamous-feminist-victoria-woodhull 993/index.html" title="The Coming Woman: A
Novel Based on the Life of the Infamous Feminist, Victoria Woodhull">The Coming
```

```
Woman: A ...</a></h3>
<div class="product_price">
£17.93
<i class="icon-ok"></i>
      In stock
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..."</pre>
type="submit">Add to basket</button>
</form>
</div>
</article>
<article class="product_pod">
<div class="image_container">
<a href="catalogue/the-boys-in-the-boat-nine-americans-and-their-epic-quest-for-</pre>
gold-at-the-1936-berlin-olympics_992/index.html"><img alt="The Boys in the Boat:
Nine Americans and Their Epic Quest for Gold at the 1936 Berlin Olympics"
class="thumbnail"
src="media/cache/66/88/66883b91f6804b2323c8369331cb7dd1.jpg"/></a>
</div>
<i class="icon-star"></i></i>
<i class="icon-star"></i></i>
<i class="icon-star"></i></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<h3><a href="catalogue/the-boys-in-the-boat-nine-americans-and-their-epic-quest-
for-gold-at-the-1936-berlin-olympics_992/index.html" title="The Boys in the
Boat: Nine Americans and Their Epic Quest for Gold at the 1936 Berlin
Olympics">The Boys in the ...</a></h3>
<div class="product_price">
£22.60
<i class="icon-ok"></i>
       In stock
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..."</pre>
type="submit">Add to basket</button>
```

```
</form>
</div>
</article>
<article class="product_pod">
<div class="image_container">
<a href="catalogue/the-black-maria_991/index.html"><img alt="The Black Maria"</pre>
class="thumbnail"
src="media/cache/58/46/5846057e28022268153beff6d352b06c.jpg"/></a>
</div>
<i class="icon-star"></i></i>
<i class="icon-star"></i></i></or>
<i class="icon-star"></i>
<i class="icon-star"></i></i>
<i class="icon-star"></i></i>
<h3><a href="catalogue/the-black-maria_991/index.html" title="The Black
Maria">The Black Maria</a></h3>
<div class="product_price">
£52.15
<i class="icon-ok"></i>
      In stock
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..."</pre>
type="submit">Add to basket</button>
</form>
</div>
</article>
<article class="product_pod">
<div class="image_container">
<a href="catalogue/starving-hearts-triangular-trade-</pre>
trilogy-1_990/index.html"><img alt="Starving Hearts (Triangular Trade Trilogy,
#1)" class="thumbnail"
src="media/cache/be/f4/bef44da28c98f905a3ebec0b87be8530.jpg"/></a>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
```

```
<i class="icon-star"></i></i>
<i class="icon-star"></i></i>
<h3><a href="catalogue/starving-hearts-triangular-trade-
trilogy-1_990/index.html" title="Starving Hearts (Triangular Trade Trilogy,
#1)">Starving Hearts (Triangular Trade ...</a></h3>
<div class="product_price">
£13.99
<i class="icon-ok"></i>
      In stock
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..."</pre>
type="submit">Add to basket</button>
</form>
</div>
</article>
<article class="product_pod">
<div class="image container">
<a href="catalogue/shakespeares-sonnets_989/index.html"><img alt="Shakespeare's</pre>
Sonnets" class="thumbnail"
src="media/cache/10/48/1048f63d3b5061cd2f424d20b3f9b666.jpg"/></a>
</div>
<i class="icon-star"></i>
<i class="icon-star"></i></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i></i>
<h3><a href="catalogue/shakespeares-sonnets_989/index.html" title="Shakespeare's"
Sonnets">Shakespeare's Sonnets</a></h3>
<div class="product_price">
£20.66
<i class="icon-ok"></i>
      In stock
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..."</pre>
```

```
type="submit">Add to basket</button>
</form>
</div>
</article>
<article class="product_pod">
<div class="image_container">
<a href="catalogue/set-me-free_988/index.html"><img alt="Set Me Free"</pre>
class="thumbnail"
src="media/cache/5b/88/5b88c52633f53cacf162c15f4f823153.jpg"/></a>
<i class="icon-star"></i></i>
<i class="icon-star"></i>
<i class="icon-star"></i></i></or>
<i class="icon-star"></i>
<i class="icon-star"></i></i>
<h3><a href="catalogue/set-me-free_988/index.html" title="Set Me Free">Set Me
Free</a></h3>
<div class="product_price">
£17.46
<i class="icon-ok"></i>
      In stock
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..."</pre>
type="submit">Add to basket</button>
</form>
</div>
</article>
<article class="product_pod">
<div class="image container">
<a href="catalogue/scott-pilgrims-precious-little-life-scott-"</pre>
pilgrim-1_987/index.html"><img alt="Scott Pilgrim's Precious Little Life (Scott
Pilgrim #1)" class="thumbnail"
src="media/cache/94/b1/94b1b8b244bce9677c2f29ccc890d4d2.jpg"/></a>
<i class="icon-star"></i></i>
<i class="icon-star"></i></i>
```

```
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<h3><a href="catalogue/scott-pilgrims-precious-little-life-scott-
pilgrim-1_987/index.html" title="Scott Pilgrim's Precious Little Life (Scott
Pilgrim #1)">Scott Pilgrim's Precious Little ...</a></h3>
<div class="product_price">
£52.29
<i class="icon-ok"></i>
       In stock
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..."</pre>
type="submit">Add to basket</button>
</form>
</div>
</article>
<article class="product pod">
<div class="image_container">
<a href="catalogue/rip-it-up-and-start-again_986/index.html"><img alt="Rip it Up</pre>
and Start Again" class="thumbnail"
src="media/cache/81/c4/81c4a973364e17d01f217e1188253d5e.jpg"/></a>
</div>
<i class="icon-star"></i></i>
<i class="icon-star"></i>
<i class="icon-star"></i></i></or>
<i class="icon-star"></i>
<i class="icon-star"></i></i>
<h3><a href="catalogue/rip-it-up-and-start-again_986/index.html" title="Rip it
Up and Start Again">Rip it Up and ...</a></h3>
<div class="product_price">
£35.02
<i class="icon-ok"></i>
       In stock
<form>
```

```
<button class="btn btn-primary btn-block" data-loading-text="Adding..."</pre>
type="submit">Add to basket</button>
</form>
</div>
</article>
<article class="product_pod">
<div class="image container">
<a href="catalogue/our-band-could-be-your-life-scenes-from-the-american-indie-</pre>
underground-1981-1991_985/index.html"><img alt="Our Band Could Be Your Life:
Scenes from the American Indie Underground, 1981-1991" class="thumbnail"
src="media/cache/54/60/54607fe8945897cdcced0044103b10b6.jpg"/></a>
</div>
<i class="icon-star"></i></i>
<i class="icon-star"></i></i></or>
<i class="icon-star"></i></i></or>
<i class="icon-star"></i>
<i class="icon-star"></i>
<h3><a href="catalogue/our-band-could-be-your-life-scenes-from-the-american-
indie-underground-1981-1991_985/index.html" title="Our Band Could Be Your Life:
Scenes from the American Indie Underground, 1981-1991">Our Band Could Be
...</a></h3>
<div class="product price">
£57.25
<i class="icon-ok"></i></i>
       In stock
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..."</pre>
type="submit">Add to basket</button>
</form>
</div>
</article>
<article class="product_pod">
<div class="image container">
<a href="catalogue/olio_984/index.html"><img alt="Olio" class="thumbnail"</pre>
src="media/cache/55/33/553310a7162dfbc2c6d19a84da0df9e1.jpg"/></a>
</div>
```

```
<i class="icon-star"></i></i></or>
<i class="icon-star"></i></i></or>
<i class="icon-star"></i></i></or>
<i class="icon-star"></i></i>
<i class="icon-star"></i>
<h3><a href="catalogue/olio_984/index.html" title="0lio">0lio</a></h3>
<div class="product_price">
£23.88
<i class="icon-ok"></i>
       In stock
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..."</pre>
type="submit">Add to basket</button>
</form>
</div>
</article>
<article class="product pod">
<div class="image_container">
<a href="catalogue/mesaerion-the-best-science-fiction-</pre>
stories-1800-1849_983/index.html"><img alt="Mesaerion: The Best Science Fiction
Stories 1800-1849" class="thumbnail"
src="media/cache/09/a3/09a3aef48557576e1a85ba7efea8ecb7.jpg"/></a>
</div>
<i class="icon-star"></i></i></or>
<i class="icon-star"></i></i></or>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<h3><a href="catalogue/mesaerion-the-best-science-fiction-
stories-1800-1849_983/index.html" title="Mesaerion: The Best Science Fiction
Stories 1800-1849">Mesaerion: The Best Science ...</a></h3>
<div class="product_price">
£37.59
<i class="icon-ok"></i>
```

 ${\tt In stock}$

```
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..."</pre>
type="submit">Add to basket</button>
</form>
</div>
</article>
<article class="product_pod">
<div class="image container">
<a href="catalogue/libertarianism-for-beginners_982/index.html"><img</pre>
alt="Libertarianism for Beginners" class="thumbnail"
src="media/cache/0b/bc/0bbcd0a6f4bcd81ccb1049a52736406e.jpg"/></a>
</div>
<i class="icon-star"></i></i></or>
<i class="icon-star"></i></i>
<i class="icon-star"></i></i></or>
<i class="icon-star"></i></i></or>
<i class="icon-star"></i></i>
<h3><a href="catalogue/libertarianism-for-beginners_982/index.html"
title="Libertarianism for Beginners">Libertarianism for Beginners</a></h3>
<div class="product_price">
£51.33
<i class="icon-ok"></i>
      In stock
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..."</pre>
type="submit">Add to basket</button>
</form>
</div>
</article>
<article class="product_pod">
<div class="image_container">
<a href="catalogue/its-only-the-himalayas_981/index.html"><img alt="It's Only</pre>
the Himalayas" class="thumbnail"
src="media/cache/27/a5/27a53d0bb95bdd88288eaf66c9230d7e.jpg"/></a>
</div>
```

```
<i class="icon-star"></i></i>
<i class="icon-star"></i></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<h3><a href="catalogue/its-only-the-himalayas_981/index.html" title="It's Only
the Himalayas">It's Only the Himalayas</a></h3>
<div class="product_price">
£45.17
<i class="icon-ok"></i>
       In stock
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..."</pre>
type="submit">Add to basket</button>
</form>
</div>
</article>
<div>
Page 1 of 50
          <a href="catalogue/page-2.html">next</a>
</div>
</div>
</section>
</div>
</div><!-- /row -->
</div><!-- /page_inner -->
</div><!-- /container-fluid -->
<footer class="footer container-fluid">
</footer>
<!-- jQuery -->
<script
src="http://ajax.googleapis.com/ajax/libs/jquery/1.9.1/jquery.min.js"></script>
<script>window.jQuery || document.write('<script</pre>
src="static/oscar/js/jquery/jquery-1.9.1.min.js"><\/script>')</script>
```

```
<!-- Twitter Bootstrap -->
<script src="static/oscar/js/bootstrap3/bootstrap.min.js"</pre>
type="text/javascript"></script>
<!-- Oscar -->
<script charset="utf-8" src="static/oscar/js/oscar/ui.js"</pre>
type="text/javascript"></script>
<script charset="utf-8" src="static/oscar/js/bootstrap-datetimepicker/bootstrap-</pre>
datetimepicker.js" type="text/javascript"></script>
<script charset="utf-8" src="static/oscar/js/bootstrap-</pre>
datetimepicker/locales/bootstrap-datetimepicker.all.js"
type="text/javascript"></script>
<script type="text/javascript">
             $(function() {
     oscar.init();
     oscar.search.init();
             });
         </script>
<!-- Version: N/A -->
</body>
</html>
These lines of code retrieve the HTML content from the specified URL, parse it using BeautifulSoup,
and store it as a variable called soup. This will allow us to extract specific pieces of data from the
webpage.
```

```
[7]: # Find the first article element with the class 'product_pod' using 

→BeautifulSoup

product_pod = soup.find('article', {'class' :'product_pod'})
```

```
[24]: product_pod
```

```
<i class="icon-star"></i></i></or>
     <h3><a href="catalogue/a-light-in-the-attic_1000/index.html" title="A Light in
     the Attic">A Light in the ...</a></h3>
     <div class="product_price">
     £51.77
     <i class="icon-ok"></i>
             In stock
     <form>
     <button class="btn btn-primary btn-block" data-loading-text="Adding..."</pre>
     type="submit">Add to basket</button>
     </form>
     </div>
     </article>
 [8]: # Extract the title of the book from the product pod element
     title = product_pod.h3.a.get('title')
[25]: title
[25]: 'A Light in the Attic'
 [9]: # Find the price of the book from the first 'p' element with class
      →'price_color' using BeautifulSoup
     price = soup.find('p', {'class' : 'price_color'}).text.strip('£')
     price = float(price)
[26]: price
[26]: 51.77
[10]: # Find the availability of the book from the first 'p' element with class
      → 'instock availability' using BeautifulSoup
     stock = soup.find('p', {'class' : 'instock availability'}).text.strip()
[27]: stock
[27]: 'In stock'
```

These lines of code extract specific pieces of information from the parsed HTML content using BeautifulSoup. The product_pod variable contains information about a single product on the

webpage, and the remaining variables extract the book title, price, and availability from that product information.

```
[11]: # Find all 'article' elements with class 'product pod' on the page using
       \hookrightarrow Beautiful Soup
      product_pod_list = soup.find_all('article', {'class' :'product_pod'})
[12]: # Extract a list of book titles from the 'title' attribute of the 'a' tagu
       ⇒inside each 'product_pod' element
      title_list = [tag.h3.a.get('title') for tag in product_pod_list]
      # Extract a list of book prices (as floats) from the 'price_color' class inside_
       ⇔each 'product pod' element
      price_list = [float(tag.find('p', {'class' : 'price_color'}).text.strip('£'))_u
       →for tag in product_pod_list]
      # Extract a list of book availabilities from the 'instock availability' class_
       ⇔inside each 'product_pod' element
      availability_list = [tag.find('p', {'class' : 'instock availability'}).text.
       strip() for tag in product_pod_list]
[28]: title_list
[28]: ['A Light in the Attic',
       'Tipping the Velvet',
       'Soumission',
       'Sharp Objects',
       'Sapiens: A Brief History of Humankind',
       'The Requiem Red',
       'The Dirty Little Secrets of Getting Your Dream Job',
       'The Coming Woman: A Novel Based on the Life of the Infamous Feminist, Victoria
      Woodhull',
       'The Boys in the Boat: Nine Americans and Their Epic Quest for Gold at the 1936
      Berlin Olympics',
       'The Black Maria',
       'Starving Hearts (Triangular Trade Trilogy, #1)',
       "Shakespeare's Sonnets",
       'Set Me Free',
       "Scott Pilgrim's Precious Little Life (Scott Pilgrim #1)",
       'Rip it Up and Start Again',
       'Our Band Could Be Your Life: Scenes from the American Indie Underground,
      1981-1991',
       'Olio',
```

```
'Libertarianism for Beginners',
       "It's Only the Himalayas"]
[29]: price_list
[29]: [51.77,
       53.74,
       50.1,
       47.82,
       54.23,
       22.65,
       33.34,
       17.93,
       22.6,
       52.15,
       13.99,
       20.66,
       17.46,
       52.29,
       35.02,
       57.25,
       23.88,
       37.59,
       51.33,
       45.17]
[30]: availability_list
[30]: ['In stock',
       'In stock',
```

'Mesaerion: The Best Science Fiction Stories 1800-1849',

```
'In stock',
'In stock']
```

These lines of code extract information about all of the products on the webpage by finding all instances of the product_pod class using BeautifulSoup. The resulting lists of book titles, prices, and availabilities can be used to create a DataFrame and perform further analysis.

```
[17]: df_books
```

```
[17]:
                                                Title of Book Price Availibility
                                        A Light in the Attic
      0
                                                               51.77
                                                                          In stock
      1
                                          Tipping the Velvet
                                                               53.74
                                                                          In stock
      2
                                                               50.10
                                                   Soumission
                                                                          In stock
      3
                                                Sharp Objects
                                                               47.82
                                                                          In stock
      4
                       Sapiens: A Brief History of Humankind
                                                               54.23
                                                                          In stock
      5
                                              The Requiem Red
                                                                          In stock
                                                               22.65
          The Dirty Little Secrets of Getting Your Dream...
      6
                                                             33.34
                                                                        In stock
      7
          The Coming Woman: A Novel Based on the Life of... 17.93
                                                                        In stock
          The Boys in the Boat: Nine Americans and Their...
      8
                                                             22.60
                                                                        In stock
      9
                                              The Black Maria 52.15
                                                                          In stock
             Starving Hearts (Triangular Trade Trilogy, #1)
                                                                          In stock
      10
      11
                                       Shakespeare's Sonnets
                                                               20.66
                                                                          In stock
      12
                                                  Set Me Free
                                                               17.46
                                                                          In stock
      13
          Scott Pilgrim's Precious Little Life (Scott Pi...
                                                                        In stock
      14
                                   Rip it Up and Start Again 35.02
                                                                          In stock
      15
          Our Band Could Be Your Life: Scenes from the A... 57.25
                                                                        In stock
      16
                                                         Olio 23.88
                                                                          In stock
      17
          Mesaerion: The Best Science Fiction Stories 18...
                                                             37.59
                                                                        In stock
                                                                          In stock
      18
                                Libertarianism for Beginners
      19
                                     It's Only the Himalayas
                                                               45.17
                                                                          In stock
```

These lines of code create a dictionary from the extracted book data, with keys corresponding to the column names in the resulting DataFrame. The dictionary is then converted to a pandas DataFrame for further analysis and manipulation.

[]: