

Web Scraping

```
In [1]: !pip install beautifulsoup4
```

```
Requirement already satisfied: beautifulsoup4 in c:\users\gadir\anaconda3\lib\site-packages
(4.10.0)
Requirement already satisfied: soupsieve>1.2 in c:\users\gadir\anaconda3\lib\site-packages
(from beautifulsoup4) (2.2.1)
```

```
In [2]: import requests
import pandas as pd
```

```
In [3]: baseurl = "http://books.toscrape.com/"
        r=requests.get(baseurl)
        r.content
```

```
Out[3]: b'<!DOCTYPE html>\n<!--[if lt IE 7]>  
-ie7"> <![endif]-->\n<!--[if IE 7]>  
8"> <![endif]-->\n<!--[if IE 8]>  
f]-->\n<!--[if gt IE 8]><!--> <html lang="en-us" class="no-js"> <!--<![endif]-->\n  
<head>\n    <title>\n        All products | Books to Scrape - Sandbox\n    </title>\n    \n    <meta http-equiv="content-type" content="text/html; charset=UTF-8" />\n    <meta name="created" content="24th Jun 2016 09:29" />\n    <meta name="description" content="" />\n    <meta name="viewport" content="width=device-width" />\n    <meta name="robots" 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" href="static/oscar/favicon.ico" />\n    \n    \n    \n    \n    \n    \n    <link rel="stylesheet" type="text/css" href="static/oscar/css/styles.css" />\n    \n    <link rel="stylesheet" href="static/oscar/js/bootstrap-datetimepicker/bootstrap-datetimepicker.css" />\n    <link rel="stylesheet" type="text/css" href="static/oscar/css/datetimepicker.css" />\n    \n    \n    \n    \n    \n    \n    \n    \n    </head>\n    \n    <body id="default" class="default">\n    \n    \n    \n    <header class="header container-fluid">\n    <div class="page_inner">\n    <div class="row">\n    <div class="col-sm-8 hl"><a href="index.html">Books to Scrape</a><small> We love being scraped!</small>\n    </div>\n    </div>\n    </div>\n    </header>\n    \n    \n    <div class="container-fluid page">\n    <div class="page_inner">\n    \n    <ul class="breadcrumb">\n    <li>\n    <a href="index.html">Home</a>\n    </li>\n    <li class="active">All products</li>\n    </ul>\n    \n    <div class="row">\n    \n    <aside class="sidebar col-sm-4 col-md-3">\n    \n    <div id="promotions_left">\n    \n    </div>\n    \n    \n    \n    <div class="side_categories">\n    \n    <ul class="nav nav-list">\n    \n    <li>\n    <a href="catalogue/category/books_1/index.html">\n    \n    \n    \n    </a>\n    \n    \n    </li>\n    \n    <li>\n    <a href="catalogue/category/books/travel_2/index.html">\n    \n    \n    \n    </a>\n    \n    \n    </li>\n    \n    <li>\n    <a href="catalogue/category/books/mystery_3/index.html">\n    \n    \n    \n    </a>\n    \n    \n    </li>\n    \n    <li>\n    <a href="catalogue/category/books/historical-fiction_4/index.html">\n    \n    \n    \n    </a>\n    \n    \n    </li>\n    \n    <li>\n    <a href="catalogue/category/books/sequential-art_5/index.html">\n    \n    \n    \n    </a>\n    \n    \n    </li>
```

```
</a>\n\n      <li>\n      dex.html">\n      \n      \n      </a>\n      \n      \n      </li>\n\n      <li>\n      <a href="catalogue/category/books/philosophy_7/index.html">\n      \n      Philosophy\n      \n      </a>\n      \n      </li>\n\n      <li>\n      <a href="catalogue/category/books/romance_8/index.html">\n      \n      Romance\n      \n      </a>\n      \n      </li>\n\n      <li>\n      <a href="catalogue/category/books/womens-fiction_9/index.html">\n      \n      Womens Fiction\n      \n      </a>\n      \n      </li>\n\n      <li>\n      <a href="catalogue/category/books/fiction_10/index.html">\n      \n      Fiction\n      \n      </a>\n      \n      </li>\n\n      <li>\n      <a href="catalogue/category/books/childrens_11/index.html">\n      \n      Childrens\n      \n      </a>\n      \n      </li>\n\n      <li>\n      <a href="catalogue/category/books/religion_12/index.html">\n      \n      Religion\n      \n      </a>\n      \n      </li>\n\n      <li>\n      <a href="catalogue/category/books/nonfiction_13/index.html">\n      \n      Nonfiction\n      \n      </a>\n      \n      </li>\n\n      <li>\n      <a href="catalogue/category/books/music_14/index.html">\n      \n      Music\n      \n      </a>\n      \n      </li>\n\n      <li>\n      <a href="catalogue/category/books/default_15/index.html">\n      \n      Default\n      \n      </a>\n      \n      </li>\n\n      <li>\n      <a href="catalogue/category/books/science-fiction_16/index.html">\n      \n      Science Fiction\n      \n      </a>\n      \n      </li>\n\n      <li>\n      <a href="catalogue/category/books/sports-and-games_17/index.html">\n      \n      Sports and Games\n      \n      </a>\n      \n      </li>\n\n      <li>\n      <a href="catalogue/category/books/add-a-comment_18/index.html">\n      \n      Add a comment\n      \n      </a>\n      \n      </li>\n\n      <li>\n      <a href="catalogue/category/books/fantasy_19/index.html">\n      \n      Fantasy\n      \n      </a>\n      \n      </li>\n\n      <li>\n      <a href="catalogue/category/books/new-adult_20/index.html">\n      \n      New Adult\n      \n      </a>\n      \n      </li>\n\n      <li>\n      <a href="catalogue/category/books/young-adult_21/index.html">\n      \n      Young Adult\n      \n      </a>\n      \n      </li>\n\n      <li>\n      <a href="catalogue/category/books/science_22/index.html">\n      \n      Science\n      \n      </a>\n      \n      </li>\n\n      <li>\n      <a href="catalogue/category/books/poetry_23/index.html">\n      \n      Poetry\n      \n      </a>\n      \n      </li>\n\n      <li>\n      <a href="catalogue/category/books/classics_6/index.html">\n      \n      Classics\n      \n      </a>\n      \n      </li>
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gue/category/books/paranormal_24/index.html">\n
Paranormal\n
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<a href="catalogue/category/books/art_25/index.htm\n
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<a href="ca\n
talogue/category/books/psychology_26/index.html">\n
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_27/index.html">\n
Autobiogra\n
phy\n
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\n
Parenting\n
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<a href="catalogue/category/\n
books/adult-fiction_29/index.html">\n
Adult Fiction\n
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\n
Humor\n
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<a href="catalogu\n
e/category/books/horror_31/index.html">\n
Horror\n
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History\n
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<a href="catalo\n
gue/category/books/food-and-drink_33/index.html">\n
Food and Drink\n
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<a href="catalogue/category/books/christian-\n
fiction_34/index.html">\n
Christian Fiction\n
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Business\n
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<a href="catalogu\n
e/category/books/biography_36/index.html">\n
Biography\n
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<a href="catalogue/category/books/thriller_37/index.htm\n
l">\n
Thriller\n
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\n
Contemporary\n
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<a href="catalogue/category/books/spir\n
ituality_39/index.html">\n
Sp\n
irituality\n
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\n
Academic\n
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\n
<a href="catalogue/c\n
ategory/books/self-help_41/index.html">\n
Self Help\n
\n
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\n
Historical\n

[illegible]

href="catalogue/tipping-the-velvet_999/index.html">\n
\n \n </div>\n \n \n \n \n \n
 <p class="star-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
\n </p>\n \n \n \n \n <h3>Tipping the Velvet
</h3>\n \n \n <div class="product_price">\n \n \n \n \n \n \n \n <p class="price_color">\xc2\xa353.74</p>\n \n \n <p class="instock availability">\n <i class="icon-ok"></i>\n \n In stock\n \n</p>\n \n \n \n <form>\n <button type="submit" class="btn btn-primary btn-block" data-loading-text="Adding...">Add to basket</button>
>\n </form>\n \n \n \n </div>\n \n </article>\n \n
>\n \n <li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">\n \n <article class="product_pod">\n \n <div class="image_container">\n \n \n \n </div>\n \n \n \n <p class="star-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
>\n \n \n \n <h3>Soumission</h3>\n \n \n <div class="product_price">\n \n \n \n \n \n \n <p class="price_color">\xc2\xa350.10</p>\n \n \n <p class="instock availability">\n <i class="icon-ok"></i>
>\n \n In stock\n \n</p>\n \n \n \n <form>\n <button type="submit" class="btn btn-primary btn-block" data-loading-text="Adding...">Add to basket</button>\n </form>\n \n \n \n </div>\n \n </article>\n \n\n \n <li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">\n \n \n <article class="product_pod">\n \n <div class="image_container">\n \n \n \n </div>\n \n \n <p class="star-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
<h3>Sharp Objects</h3>\n \n \n <div class="product_price">\n \n \n \n \n \n \n <p class="price_color">\xc2\xa347.82</p>\n \n \n <p class="instock availability">\n <i class="icon-ok"></i>\n \n In stock\n \n</p>\n \n \n <form>\n <button type="submit" class="btn btn-primary btn-block" data-loading-text="Adding...">Add to basket</button>\n </form>\n \n \n \n </div>\n \n </article>\n \n\n \n <li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">\n \n \n <article class="product_pod">\n \n <div class="image_container">\n \n \n \n </div>\n \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
<h3>Sapiens: A Brief History ...</h3>\n \n \n <div class="product_price">\n \n \n \n \n \n \n <p class="price_color">\xc2\xa354.23</p>\n \n \n <p class="instock availability">\n <i class="icon-ok"></i>\n \n In stock\n \n</p>\n \n \n <form>\n <button type="submit" class="btn btn-primary btn-block" data-loading-text="Adding...">Add to basket</button>\n </form>\n \n \n \n </div>\n \n </article>\n \n
>\n \n <li class="col-xs-6 col-sm-4 col-md-3 col-

[illegible]

[illegible]

[Set Me Free](#)

Set Me Free

17.46

In stock

Add to basket

Scott Pilgrim's Precious Little Life (Scott Pilgrim #1)

352.29

In stock

Add to basket

Rip it Up and Start Again

335.02

In stock

Add to basket

Our Band Could Be Your Life: Scenes from the American Indie Underground, 1981-1991

357.25

In stock

Add to basket


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t</button>\n      </form>\n\n\n      </div>\n\n      </article>\n\n      <li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">\n\n      <div class="product_pod">\n\n      <div class="image_container">\n\n      <a href="catalogue/olio_984/index.html"></a>\n\n      </div>\n\n      <p class="star-rating One">\n\n      <i class="icon-star"></i>\n\n      <i class="icon-star"></i>\n\n      <i class="icon-star"></i>\n\n      <i class="icon-star"></i>\n\n      </p>\n\n      <h3><a href="catalogue/olio_984/index.html" title="Olio">Olio</a></h3>\n\n      <div class="product_price">\n\n      <p class="price_color">\xc2\xa323.88</p>\n\n      <p class="instock availability">\n\n      <i class="icon-ok"></i>\n\n      In stock\n\n      </p>\n\n      <form>\n\n      <button type="submit" class="btn btn-primary btn-block" data-loading-text="Add to basket">Add to basket</button>\n\n      </form>\n\n      </div>\n\n      </article>\n\n      </li>\n\n      <li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">\n\n      <div class="product_pod">\n\n      <div class="image_container">\n\n      <a href="catalogue/mesaerion-the-best-science-fiction-stories-1800-1849_983/index.html"></a>\n\n      </div>\n\n      <p class="star-rating One">\n\n      <i class="icon-star"></i>\n\n      <i class="icon-star"></i>\n\n      <i class="icon-star"></i>\n\n      <i class="icon-star"></i>\n\n      </p>\n\n      <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>\n\n      <div class="product_price">\n\n      <p class="price_color">\xc2\xa337.59</p>\n\n      <p class="instock availability">\n\n      <i class="icon-ok"></i>\n\n      In stock\n\n      </p>\n\n      <form>\n\n      <button type="submit" class="btn btn-primary btn-block" data-loading-text="Adding...">Add to basket</button>\n\n      </form>\n\n      </div>\n\n      </article>\n\n      </li>\n\n      <li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">\n\n      <div class="product_pod">\n\n      <div class="image_container">\n\n      <a href="catalogue/libertarianism-for-beginners_982/index.html"></a>\n\n      </div>\n\n      <p class="star-rating Two">\n\n      <i class="icon-star"></i>\n\n      <i class="icon-star"></i>\n\n      <i class="icon-star"></i>\n\n      <i class="icon-star"></i>\n\n      </p>\n\n      <h3><a href="catalogue/libertarianism-for-beginners_982/index.html" title="Libertarianism for Beginners">Libertarianism for Beginners</a></h3>\n\n      <div class="product_price">\n\n      <p class="price_color">\xc2\xa351.33</p>\n\n      <p class="instock availability">\n\n      <i class="icon-ok"></i>\n\n      In stock\n\n      </p>\n\n      <form>\n\n      <button type="submit" class="btn btn-primary btn-block" data-loading-text="Adding...">Add to basket</button>\n\n      </form>\n\n      </div>\n\n      </article>\n\n      </li>\n\n      <li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">\n\n      <div class="product_pod">\n\n      <div class="image_container">\n\n      <a href="catalogue/its-only-the-himalayas_981/index.html"></a>\n\n      </div>\n\n      <p class="star-rating Two">\n\n      <i class="icon-star"></i>\n\n      <i class="icon-star"></i>\n\n      <i class="icon-star"></i>\n\n      <i class="icon-star"></i>\n\n      </p>\n\n      <h3><a href="catalogue/its-only-the-himalayas_981/index.html" title="It&#39;s Only the Himalayas">It&#39;s Only the Himalayas</a></h3>\n\n      <div class="product_price">\n\n      <p class="price_color">\xc2\xa337.59</p>\n\n      <p class="instock availability">\n\n      <i class="icon-ok"></i>\n\n      In stock\n\n      </p>\n\n      <form>\n\n      <button type="submit" class="btn btn-primary btn-block" data-loading-text="Adding...">Add to basket</button>\n\n      </form>\n\n      </div>\n\n      </article>\n\n      </li>
```



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</div>
</header>
<div class="container-fluid page">
<div class="page_inner">
<ul class="breadcrumb">
<li>
<a href="index.html">Home</a>
</li>
<li class="active">All products</li>
</ul>
<div class="row">
<aside class="sidebar col-sm-4 col-md-3">
<div id="promotions_left">
</div>
<div class="side_categories">
<ul class="nav nav-list">
<li>
<a href="catalogue/category/books_1/index.html">

Books

</a>
<ul>
<li>
<a href="catalogue/category/books/travel_2/index.html">

Travel

</a>
</li>
<li>
<a href="catalogue/category/books/mystery_3/index.html">

Mystery

</a>
</li>
<li>
<a href="catalogue/category/books/historical-fiction_4/index.html">

Historical Fiction

</a>
</li>
<li>
<a href="catalogue/category/books/sequential-art_5/index.html">

Sequential Art

</a>
</li>
<li>
<a href="catalogue/category/books/classics_6/index.html">

Classics

</a>
</li>
<li>
<a href="catalogue/category/books/philosophy_7/index.html">

Philosophy

</a>
</li>
<li>
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```
<a href="catalogue/category/books/romance_8/index.html">

    Romance

</a>

</li>
<li>
<a href="catalogue/category/books/womens-fiction_9/index.html">

    Womens Fiction

</a>

</li>
<li>
<a href="catalogue/category/books/fiction_10/index.html">

    Fiction

</a>

</li>
<li>
<a href="catalogue/category/books/childrens_11/index.html">

    Childrens

</a>

</li>
<li>
<a href="catalogue/category/books/religion_12/index.html">

    Religion

</a>

</li>
<li>
<a href="catalogue/category/books/nonfiction_13/index.html">

    Nonfiction

</a>

</li>
<li>
<a href="catalogue/category/books/music_14/index.html">

    Music

</a>

</li>
<li>
<a href="catalogue/category/books/default_15/index.html">

    Default

</a>

</li>
<li>
<a href="catalogue/category/books/science-fiction_16/index.html">

    Science Fiction

</a>

</li>
<li>
<a href="catalogue/category/books/sports-and-games_17/index.html">

    Sports and Games
```

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                </a>
</li>
<li>
<a href="catalogue/category/books/add-a-comment_18/index.html">

                Add a comment

                </a>
</li>
<li>
<a href="catalogue/category/books/fantasy_19/index.html">

                Fantasy

                </a>
</li>
<li>
<a href="catalogue/category/books/new-adult_20/index.html">

                New Adult

                </a>
</li>
<li>
<a href="catalogue/category/books/young-adult_21/index.html">

                Young Adult

                </a>
</li>
<li>
<a href="catalogue/category/books/science_22/index.html">

                Science

                </a>
</li>
<li>
<a href="catalogue/category/books/poetry_23/index.html">

                Poetry

                </a>
</li>
<li>
<a href="catalogue/category/books/paranormal_24/index.html">

                Paranormal

                </a>
</li>
<li>
<a href="catalogue/category/books/art_25/index.html">

                Art

                </a>
</li>
<li>
<a href="catalogue/category/books/psychology_26/index.html">

                Psychology

                </a>
</li>
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<li>
<a href="catalogue/category/books/autobiography_27/index.html">

    Autobiography

</a>
</li>
<li>
<a href="catalogue/category/books/parenting_28/index.html">

    Parenting

</a>
</li>
<li>
<a href="catalogue/category/books/adult-fiction_29/index.html">

    Adult Fiction

</a>
</li>
<li>
<a href="catalogue/category/books/humor_30/index.html">

    Humor

</a>
</li>
<li>
<a href="catalogue/category/books/horror_31/index.html">

    Horror

</a>
</li>
<li>
<a href="catalogue/category/books/history_32/index.html">

    History

</a>
</li>
<li>
<a href="catalogue/category/books/food-and-drink_33/index.html">

    Food and Drink

</a>
</li>
<li>
<a href="catalogue/category/books/christian-fiction_34/index.html">

    Christian Fiction

</a>
</li>
<li>
<a href="catalogue/category/books/business_35/index.html">

    Business

</a>
</li>
<li>
<a href="catalogue/category/books/biography_36/index.html">
```

Biography

Thriller

Contemporary

Spirituality

Academic

Self Help

Historical

Christian

Suspense

Short Stories


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</li>
<li>
<a href="catalogue/category/books/novels_46/index.html">

    Novels

</a>
</li>
<li>
<a href="catalogue/category/books/health_47/index.html">

    Health

</a>
</li>
<li>
<a href="catalogue/category/books/politics_48/index.html">

    Politics

</a>
</li>
<li>
<a href="catalogue/category/books/cultural_49/index.html">

    Cultural

</a>
</li>
<li>
<a href="catalogue/category/books/erotica_50/index.html">

    Erotica

</a>
</li>
<li>
<a href="catalogue/category/books/crime_51/index.html">

    Crime

</a>
</li>
</ul></li>
</ul>
</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 web
```


site for web scraping purposes. Prices and ratings here were randomly assigned and have no real meaning.</div>
<div>
<ol class="row">
<li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">
<article class="product_pod">
<div class="image_container">

</div>
<p class="star-rating Three">
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
</p>
<h3>
A Light in the ...</h3>
<div class="product_price">
<p class="price_color">£51.77</p>
<p class="instock availability">
<i class="icon-ok"></i>

In stock

</p>
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..." type="submit">Add
to basket</button>
</form>
</div>
</article>

<li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">
<article class="product_pod">
<div class="image_container">

</div>
<p class="star-rating One">
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
</p>
<h3>Tippi
ng the Velvet</h3>
<div class="product_price">
<p class="price_color">£53.74</p>
<p class="instock availability">
<i class="icon-ok"></i>

In stock

</p>
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..." type="submit">Add
to basket</button>
</form>
</div>
</article>

<li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">
<article class="product_pod">

```
<div class="image_container">
<a href="catalogue/soumission_998/index.html"><img alt="Soumission" class="thumbnail" src
="media/cache/3e/ef/3eef99c9d9adef34639f510662022830.jpg"/></a>
</div>
<p class="star-rating One">
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
</p>
<h3><a href="catalogue/soumission_998/index.html" title="Soumission">Soumission</a></h3>
<div class="product_price">
<p class="price_color">£50.10</p>
<p class="instock availability">
<i class="icon-ok"></i>
```

In stock

```
</p>
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..." type="submit">Add
to basket</button>
</form>
</div>
</article>
</li>
<li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">
<article class="product_pod">
<div class="image_container">
<a href="catalogue/sharp-objects_997/index.html"></a>
</div>
<p class="star-rating Four">
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
</p>
<h3><a href="catalogue/sharp-objects_997/index.html" title="Sharp Objects">Sharp Objects</
a></h3>
<div class="product_price">
<p class="price_color">£47.82</p>
<p class="instock availability">
<i class="icon-ok"></i>
```

In stock

```
</p>
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..." type="submit">Add
to basket</button>
</form>
</div>
</article>
</li>
<li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">
<article class="product_pod">
<div class="image_container">
<a href="catalogue/sapiens-a-brief-history-of-humankind_996/index.html"></a>
</div>
<p class="star-rating Five">
<i class="icon-star"></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">
<p class="price_color">£33.34</p>
<p class="instock availability">
<i class="icon-ok"></i>
```

In stock

```
</p>
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..." type="submit">Add
to basket</button>
</form>
</div>
</article>
</li>
<li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">
<article class="product_pod">
<div class="image_container">
<a href="catalogue/the-coming-woman-a-novel-based-on-the-life-of-the-infamous-feminist-vic
toria-woodhull_993/index.html"></a>
</div>
<p class="star-rating Three">
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
</p>
<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 t
he Infamous Feminist, Victoria Woodhull">The Coming Woman: A ...</a></h3>
<div class="product_price">
<p class="price_color">£17.93</p>
<p class="instock availability">
<i class="icon-ok"></i>
```

In stock

```
</p>
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..." type="submit">Add
to basket</button>
</form>
</div>
</article>
</li>
<li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">
<article class="product_pod">
<div class="image_container">
<a href="catalogue/the-boys-in-the-boat-nine-americans-and-their-epic-quest-for-gold-at-th
e-1936-berlin-olympics_992/index.html"></a>
</div>
<p class="star-rating Four">
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
</p>
```

```
<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">
<p class="price_color">£22.60</p>
<p class="instock availability">
<i class="icon-ok"></i>
```

In stock

```
</p>
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..." type="submit">Add
to basket</button>
</form>
</div>
</article>
</li>
<li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">
<article class="product_pod">
<div class="image_container">
<a href="catalogue/the-black-maria_991/index.html"></a>
</div>
<p class="star-rating One">
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
</p>
<h3><a href="catalogue/the-black-maria_991/index.html" title="The Black Maria">The Black M
aria</a></h3>
<div class="product_price">
<p class="price_color">£52.15</p>
<p class="instock availability">
<i class="icon-ok"></i>
```

In stock

```
</p>
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..." type="submit">Add
to basket</button>
</form>
</div>
</article>
</li>
<li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">
<article class="product_pod">
<div class="image_container">
<a href="catalogue/starving-hearts-triangular-trade-trilogy-1_990/index.html"></a>
</div>
<p class="star-rating Two">
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
</p>
<h3><a href="catalogue/starving-hearts-triangular-trade-trilogy-1_990/index.html" title="S
tarving Hearts (Triangular Trade Trilogy, #1)">Starving Hearts (Triangular Trade ...</a></
h3>
<div class="product_price">
```

£13.99

icon-ok

In stock

Add to basket

In stock

Add to basket

In stock

```
</p>
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..." type="submit">Add
to basket</button>
</form>
</div>
</article>
</li>
<li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">
<article class="product_pod">
<div class="image_container">
<a href="catalogue/scott-pilgrims-precious-little-life-scott-pilgrim-1_987/index.html"><im
g alt="Scott Pilgrim's Precious Little Life (Scott Pilgrim #1)" class="thumbnail" src="med
ia/cache/94/b1/94b1b8b244bce9677c2f29ccc890d4d2.jpg"/></a>
</div>
<p class="star-rating Five">
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
</p>
<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 L
ittle ...</a></h3>
<div class="product_price">
<p class="price_color">£52.29</p>
<p class="instock availability">
<i class="icon-ok"></i>
```

In stock

```
</p>
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..." type="submit">Add
to basket</button>
</form>
</div>
</article>
</li>
<li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">
<article class="product_pod">
<div class="image_container">
<a href="catalogue/rip-it-up-and-start-again_986/index.html"></a
>
</div>
<p class="star-rating Five">
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
</p>
<h3><a href="catalogue/rip-it-up-and-start-again_986/index.html" title="Rip it Up and Star
t Again">Rip it Up and ...</a></h3>
<div class="product_price">
<p class="price_color">£35.02</p>
<p class="instock availability">
<i class="icon-ok"></i>
```

In stock

```
</p>
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..." type="submit">Add
```

```
to basket</button>
</form>
</div>
</article>
</li>
<li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">
<article class="product_pod">
<div class="image_container">
<a href="catalogue/our-band-could-be-your-life-scenes-from-the-american-indie-underground-1981-1991_985/index.html"></a>
</div>
<p class="star-rating Three">
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
</p>
<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">
<p class="price_color">£57.25</p>
<p class="instock availability">
<i class="icon-ok"></i>
```

In stock

```
</p>
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..." type="submit">Add
to basket</button>
</form>
</div>
</article>
</li>
<li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">
<article class="product_pod">
<div class="image_container">
<a href="catalogue/olio_984/index.html"></a>
</div>
<p class="star-rating One">
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
</p>
<h3><a href="catalogue/olio_984/index.html" title="Olio">Olio</a></h3>
<div class="product_price">
<p class="price_color">£23.88</p>
<p class="instock availability">
<i class="icon-ok"></i>
```

In stock

```
</p>
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..." type="submit">Add
to basket</button>
</form>
</div>
</article>
```



```
</li>
<li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">
<article class="product_pod">
<div class="image_container">
<a href="catalogue/mesaerion-the-best-science-fiction-stories-1800-1849_983/index.html"><i
mg alt="Mesaerion: The Best Science Fiction Stories 1800-1849" class="thumbnail" src="medi
a/cache/09/a3/09a3aef48557576e1a85ba7efea8ecb7.jpg"/></a>
</div>
<p class="star-rating One">
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
</p>
<h3><a href="catalogue/mesaerion-the-best-science-fiction-stories-1800-1849_983/index.htm
l" title="Mesaerion: The Best Science Fiction Stories 1800-1849">Mesaerion: The Best Scien
ce ...</a></h3>
<div class="product_price">
<p class="price_color">£37.59</p>
<p class="instock availability">
<i class="icon-ok"></i>
```

In stock

```
</p>
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..." type="submit">Add
to basket</button>
</form>
</div>
</article>
</li>
<li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">
<article class="product_pod">
<div class="image_container">
<a href="catalogue/libertarianism-for-beginners_982/index.html"></a>
</div>
<p class="star-rating Two">
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
</p>
<h3><a href="catalogue/libertarianism-for-beginners_982/index.html" title="Libertarianism
for Beginners">Libertarianism for Beginners</a></h3>
<div class="product_price">
<p class="price_color">£51.33</p>
<p class="instock availability">
<i class="icon-ok"></i>
```

In stock

```
</p>
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..." type="submit">Add
to basket</button>
</form>
</div>
</article>
</li>
<li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">
<article class="product_pod">
```

```

<div class="image_container">
<a href="catalogue/its-only-the-himalayas_981/index.html"></a>
</div>
<p class="star-rating Two">
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
</p>
<h3><a href="catalogue/its-only-the-himalayas_981/index.html" title="It's Only the Himalay
as">It's Only the Himalayas</a></h3>
<div class="product_price">
<p class="price_color">£45.17</p>
<p class="instock availability">
<i class="icon-ok"></i>

```

In stock

```

</p>
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..." type="submit">Add
to basket</button>
</form>
</div>
</article>
</li>
</ol>
<div>
<ul class="pager">
<li class="current">

```

Page 1 of 50

```

</li>
<li class="next"><a href="catalogue/page-2.html">next</a></li>
</ul>
</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 src="static/oscar/js/jquery/jquery-1.9.1.
min.js"></script>')</script>
<!-- Twitter Bootstrap -->
<script src="static/oscar/js/bootstrap3/bootstrap.min.js" type="text/javascript"></script>
<!-- Oscar -->
<script charset="utf-8" src="static/oscar/js/oscar/ui.js" type="text/javascript"></script>
<script charset="utf-8" src="static/oscar/js/bootstrap-datetimepicker/bootstrap-datetimepi
cker.js" type="text/javascript"></script>
<script charset="utf-8" src="static/oscar/js/bootstrap-datetimepicker/locales/bootstrap-da
atetimepicker.all.js" type="text/javascript"></script>
<script type="text/javascript">
    $(function() {

```

oscar.init();

```

        oscar.search.init();
    });
</script>
<!-- Version: N/A -->
</body>
</html>

```

```

In [6]: ul_list=soup.find('ul',class_='nav-list')
        ul_list

```

```

Out[6]: <ul class="nav nav-list">
<li>
<a href="catalogue/category/books_1/index.html">

                Books

            </a>

<ul>
<li>
<a href="catalogue/category/books/travel_2/index.html">

                Travel

            </a>

</li>
<li>
<a href="catalogue/category/books/mystery_3/index.html">

                Mystery

            </a>

</li>
<li>
<a href="catalogue/category/books/historical-fiction_4/index.html">

                Historical Fiction

            </a>

</li>
<li>
<a href="catalogue/category/books/sequential-art_5/index.html">

                Sequential Art

            </a>

</li>
<li>
<a href="catalogue/category/books/classics_6/index.html">

                Classics

            </a>

</li>
<li>
<a href="catalogue/category/books/philosophy_7/index.html">

                Philosophy

            </a>

</li>
<li>
<a href="catalogue/category/books/romance_8/index.html">

                Romance

```

```

                </a>
</li>
<li>
<a href="catalogue/category/books/womens-fiction_9/index.html">

                Womens Fiction

                </a>
</li>
<li>
<a href="catalogue/category/books/fiction_10/index.html">

                Fiction

                </a>
</li>
<li>
<a href="catalogue/category/books/childrens_11/index.html">

                Childrens

                </a>
</li>
<li>
<a href="catalogue/category/books/religion_12/index.html">

                Religion

                </a>
</li>
<li>
<a href="catalogue/category/books/nonfiction_13/index.html">

                Nonfiction

                </a>
</li>
<li>
<a href="catalogue/category/books/music_14/index.html">

                Music

                </a>
</li>
<li>
<a href="catalogue/category/books/default_15/index.html">

                Default

                </a>
</li>
<li>
<a href="catalogue/category/books/science-fiction_16/index.html">

                Science Fiction

                </a>
</li>
<li>
<a href="catalogue/category/books/sports-and-games_17/index.html">

                Sports and Games

                </a>
</li>

```

```
<li>
<a href="catalogue/category/books/add-a-comment_18/index.html">

    Add a comment

</a>
</li>
<li>
<a href="catalogue/category/books/fantasy_19/index.html">

    Fantasy

</a>
</li>
<li>
<a href="catalogue/category/books/new-adult_20/index.html">

    New Adult

</a>
</li>
<li>
<a href="catalogue/category/books/young-adult_21/index.html">

    Young Adult

</a>
</li>
<li>
<a href="catalogue/category/books/science_22/index.html">

    Science

</a>
</li>
<li>
<a href="catalogue/category/books/poetry_23/index.html">

    Poetry

</a>
</li>
<li>
<a href="catalogue/category/books/paranormal_24/index.html">

    Paranormal

</a>
</li>
<li>
<a href="catalogue/category/books/art_25/index.html">

    Art

</a>
</li>
<li>
<a href="catalogue/category/books/psychology_26/index.html">

    Psychology

</a>
</li>
<li>
<a href="catalogue/category/books/autobiography_27/index.html">
```

Autobiography

Parenting

Adult Fiction

Humor

Horror

History

Food and Drink

Christian Fiction

Business

Biography


```
</li>
<li>
<a href="catalogue/category/books/thriller_37/index.html">

        Thriller

    </a>
</li>
<li>
<a href="catalogue/category/books/contemporary_38/index.html">

        Contemporary

    </a>
</li>
<li>
<a href="catalogue/category/books/spirituality_39/index.html">

        Spirituality

    </a>
</li>
<li>
<a href="catalogue/category/books/academic_40/index.html">

        Academic

    </a>
</li>
<li>
<a href="catalogue/category/books/self-help_41/index.html">

        Self Help

    </a>
</li>
<li>
<a href="catalogue/category/books/historical_42/index.html">

        Historical

    </a>
</li>
<li>
<a href="catalogue/category/books/christian_43/index.html">

        Christian

    </a>
</li>
<li>
<a href="catalogue/category/books/suspense_44/index.html">

        Suspense

    </a>
</li>
<li>
<a href="catalogue/category/books/short-stories_45/index.html">

        Short Stories

    </a>
</li>
<li>
<a href="catalogue/category/books/novels_46/index.html">
```

```

Novels

</a>

</li>
<li>
<a href="catalogue/category/books/health_47/index.html">

Health

</a>

</li>
<li>
<a href="catalogue/category/books/politics_48/index.html">

Politics

</a>

</li>
<li>
<a href="catalogue/category/books/cultural_49/index.html">

Cultural

</a>

</li>
<li>
<a href="catalogue/category/books/erotica_50/index.html">

Erotica

</a>

</li>
<li>
<a href="catalogue/category/books/crime_51/index.html">

Crime

</a>

</li>
</ul></li>
</ul>

```

```

In [7]: ul_li_items = ul_list.ul.find_all('li')
        baseurl + ul_li_items[0].a['href']

```

```

Out[7]: 'http://books.toscrape.com/catalogue/category/books/travel_2/index.html'

```

```

In [8]: def extract_categories(baseurl):
        categories={}
        r=requests.get(baseurl)
        soup=BeautifulSoup(r.content)
        categories_list = soup.find('ul', class_="nav-list").ul.find_all("li")
        for li in categories_list:
            categories.update({li.text.strip(): baseurl + li.a['href']})
        return categories

```

```

In [9]: extract_categories(baseurl)

```

```

Out[9]: {'Travel': 'http://books.toscrape.com/catalogue/category/books/travel_2/index.html',
'Mystery': 'http://books.toscrape.com/catalogue/category/books/mystery_3/index.html',
'Historical Fiction': 'http://books.toscrape.com/catalogue/category/books/historical-fict

```


ion_4/index.html',
'Sequential Art': 'http://books.toscrape.com/catalogue/category/books/sequential-art_5/index.html',
'Classics': 'http://books.toscrape.com/catalogue/category/books/classics_6/index.html',
'Philosophy': 'http://books.toscrape.com/catalogue/category/books/philosophy_7/index.html',
'Romance': 'http://books.toscrape.com/catalogue/category/books/romance_8/index.html',
'Womens Fiction': 'http://books.toscrape.com/catalogue/category/books/womens-fiction_9/index.html',
'Fiction': 'http://books.toscrape.com/catalogue/category/books/fiction_10/index.html',
'Childrens': 'http://books.toscrape.com/catalogue/category/books/childrens_11/index.html',
'Religion': 'http://books.toscrape.com/catalogue/category/books/religion_12/index.html',
'Nonfiction': 'http://books.toscrape.com/catalogue/category/books/nonfiction_13/index.html',
'Music': 'http://books.toscrape.com/catalogue/category/books/music_14/index.html',
'Default': 'http://books.toscrape.com/catalogue/category/books/default_15/index.html',
'Science Fiction': 'http://books.toscrape.com/catalogue/category/books/science-fiction_16/index.html',
'Sports and Games': 'http://books.toscrape.com/catalogue/category/books/sports-and-games_17/index.html',
'Add a comment': 'http://books.toscrape.com/catalogue/category/books/add-a-comment_18/index.html',
'Fantasy': 'http://books.toscrape.com/catalogue/category/books/fantasy_19/index.html',
'New Adult': 'http://books.toscrape.com/catalogue/category/books/new-adult_20/index.html',
'Young Adult': 'http://books.toscrape.com/catalogue/category/books/young-adult_21/index.html',
'Science': 'http://books.toscrape.com/catalogue/category/books/science_22/index.html',
'Poetry': 'http://books.toscrape.com/catalogue/category/books/poetry_23/index.html',
'Paranormal': 'http://books.toscrape.com/catalogue/category/books/paranormal_24/index.html',
'Art': 'http://books.toscrape.com/catalogue/category/books/art_25/index.html',
'Psychology': 'http://books.toscrape.com/catalogue/category/books/psychology_26/index.html',
'Autobiography': 'http://books.toscrape.com/catalogue/category/books/autobiography_27/index.html',
'Parenting': 'http://books.toscrape.com/catalogue/category/books/parenting_28/index.html',
'Adult Fiction': 'http://books.toscrape.com/catalogue/category/books/adult-fiction_29/index.html',
'Humor': 'http://books.toscrape.com/catalogue/category/books/humor_30/index.html',
'Horror': 'http://books.toscrape.com/catalogue/category/books/horror_31/index.html',
'History': 'http://books.toscrape.com/catalogue/category/books/history_32/index.html',
'Food and Drink': 'http://books.toscrape.com/catalogue/category/books/food-and-drink_33/index.html',
'Christian Fiction': 'http://books.toscrape.com/catalogue/category/books/christian-fiction_34/index.html',
'Business': 'http://books.toscrape.com/catalogue/category/books/business_35/index.html',
'Biography': 'http://books.toscrape.com/catalogue/category/books/biography_36/index.html',
'Thriller': 'http://books.toscrape.com/catalogue/category/books/thriller_37/index.html',
'Contemporary': 'http://books.toscrape.com/catalogue/category/books/contemporary_38/index.html',
'Spirituality': 'http://books.toscrape.com/catalogue/category/books/spirituality_39/index.html',
'Academic': 'http://books.toscrape.com/catalogue/category/books/academic_40/index.html',
'Self Help': 'http://books.toscrape.com/catalogue/category/books/self-help_41/index.html',
'Historical': 'http://books.toscrape.com/catalogue/category/books/historical_42/index.html',
'Christian': 'http://books.toscrape.com/catalogue/category/books/christian_43/index.html',
'Suspense': 'http://books.toscrape.com/catalogue/category/books/suspense_44/index.html',
'Short Stories': 'http://books.toscrape.com/catalogue/category/books/short-stories_45/index.html',

```
'Novels': 'http://books.toscrape.com/catalogue/category/books/novels_46/index.html',
'Health': 'http://books.toscrape.com/catalogue/category/books/health_47/index.html',
'Politics': 'http://books.toscrape.com/catalogue/category/books/politics_48/index.html',
'Cultural': 'http://books.toscrape.com/catalogue/category/books/cultural_49/index.html',
'Erotica': 'http://books.toscrape.com/catalogue/category/books/erotica_50/index.html',
'Crime': 'http://books.toscrape.com/catalogue/category/books/crime_51/index.html'}
```

```
In [10]: url = "http://books.toscrape.com/catalogue/category/books/mystery_3/index.html"
res = requests.get(url)
soup = BeautifulSoup(res.content)
```

```
In [11]: soup
```

```
Out[11]: <!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>
    Mystery |
    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-datetimepicker.
css" rel="stylesheet"/>
<link href="../../../../static/oscar/css/datetimepicker.css" rel="stylesheet" type="text/c
ss"/>
</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 lo
ve being scraped!</small>
</div>
</div>
</div>
</header>
<div class="container-fluid page">
<div class="page_inner">
<ul class="breadcrumb">
<li>
<a href="../../../../index.html">Home</a>
</li>
<li>
<a href="../../books_1/index.html">Books</a>
</li>
<li class="active">Mystery</li>
</ul>
```

```
<div class="row">
<aside class="sidebar col-sm-4 col-md-3">
<div id="promotions_left">
</div>
<div class="side_categories">
<ul class="nav nav-list">
<li>
<a href="../../books_1/index.html">

Books

</a>

<ul>
<li>
<a href="../../travel_2/index.html">

Travel

</a>

</li>
<li>
<a href="index.html">
<strong>Mystery</strong>
</a>
</li>
<li>
<a href="../../historical-fiction_4/index.html">

Historical Fiction

</a>

</li>
<li>
<a href="../../sequential-art_5/index.html">

Sequential Art

</a>

</li>
<li>
<a href="../../classics_6/index.html">

Classics

</a>

</li>
<li>
<a href="../../philosophy_7/index.html">

Philosophy

</a>

</li>
<li>
<a href="../../romance_8/index.html">

Romance

</a>

</li>
<li>
<a href="../../womens-fiction_9/index.html">

Womens Fiction

</a>
```

```
</li>
<li>
<a href="../fiction_10/index.html">

Fiction

</a>
</li>
<li>
<a href="../childrens_11/index.html">

Childrens

</a>
</li>
<li>
<a href="../religion_12/index.html">

Religion

</a>
</li>
<li>
<a href="../nonfiction_13/index.html">

Nonfiction

</a>
</li>
<li>
<a href="../music_14/index.html">

Music

</a>
</li>
<li>
<a href="../default_15/index.html">

Default

</a>
</li>
<li>
<a href="../science-fiction_16/index.html">

Science Fiction

</a>
</li>
<li>
<a href="../sports-and-games_17/index.html">

Sports and Games

</a>
</li>
<li>
<a href="../add-a-comment_18/index.html">

Add a comment

</a>
</li>
<li>
<a href="../fantasy_19/index.html">
```

Fantasy

New Adult

Young Adult

Science

Poetry

Paranormal

Art

Psychology

Autobiography

Parenting

```
</li>
</a>
<li>
<a href="../../adult-fiction_29/index.html">

Adult Fiction

</a>
</li>
<li>
<a href="../../humor_30/index.html">

Humor

</a>
</li>
<li>
<a href="../../horror_31/index.html">

Horror

</a>
</li>
<li>
<a href="../../history_32/index.html">

History

</a>
</li>
<li>
<a href="../../food-and-drink_33/index.html">

Food and Drink

</a>
</li>
<li>
<a href="../../christian-fiction_34/index.html">

Christian Fiction

</a>
</li>
<li>
<a href="../../business_35/index.html">

Business

</a>
</li>
<li>
<a href="../../biography_36/index.html">

Biography

</a>
</li>
<li>
<a href="../../thriller_37/index.html">

Thriller

</a>
</li>
<li>
```

Contemporary

Spirituality

Academic

Self Help

Historical

Christian

Suspense

Short Stories

Novels

Health

```

                </a>

</li>
<li>
<a href="../politics_48/index.html">

                Politics

                </a>

</li>
<li>
<a href="../cultural_49/index.html">

                Cultural

                </a>

</li>
<li>
<a href="../erotica_50/index.html">

                Erotica

                </a>

</li>
<li>
<a href="../crime_51/index.html">

                Crime

                </a>

</li>
</ul></li>
</ul>
</div>
</aside>
<div class="col-sm-8 col-md-9">
<div class="page-header action">
<h1>Mystery</h1>
</div>
<div id="messages">
</div>
<div id="promotions">
</div>
<form class="form-horizontal" method="get">
<div style="display:none">
</div>
<strong>32</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 web
site for web scraping purposes. Prices and ratings here were randomly assigned and have no
real meaning.</div>
<div>
<ol class="row">
<li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">
<article class="product_pod">
<div class="image_container">
<a href="../../sharp-objects_997/index.html"></a>
</div>
<p class="star-rating Four">
<i class="icon-star"></i>
```



```
</p>
<h3><a href="../../the-past-never-ends_942/index.html" title="The Past Never Ends">The
Past Never Ends</a></h3>
<div class="product_price">
<p class="price_color">£56.50</p>
<p class="instock availability">
<i class="icon-ok"></i>
```

In stock

```
</p>
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..." type="submit">Add
to basket</button>
</form>
</div>
</article>
</li>
<li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">
<article class="product_pod">
<div class="image_container">
<a href="../../a-murder-in-time_877/index.html"></a>
</div>
<p class="star-rating One">
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
</p>
<h3><a href="../../a-murder-in-time_877/index.html" title="A Murder in Time">A Murder i
n Time</a></h3>
<div class="product_price">
<p class="price_color">£16.64</p>
<p class="instock availability">
<i class="icon-ok"></i>
```

In stock

```
</p>
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..." type="submit">Add
to basket</button>
</form>
</div>
</article>
</li>
<li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">
<article class="product_pod">
<div class="image_container">
<a href="../../the-murder-of-roger-ackroyd-hercule-poirot-4_852/index.html"></a>
</div>
<p class="star-rating Four">
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
</p>
<h3><a href="../../the-murder-of-roger-ackroyd-hercule-poirot-4_852/index.html" title
="The Murder of Roger Ackroyd (Hercule Poirot #4)">The Murder of Roger ...</a></h3>
<div class="product_price">
<p class="price_color">£44.10</p>
```

<p class="instock availability">
<i class="icon-ok"></i>

In stock

</p>
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..." type="submit">Add
to basket</button>
</form>
</div>
</article>

<li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">
<article class="product_pod">
<div class="image_container">

</div>
<p class="star-rating Two">
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
</p>
<h3><a href="../../the-last-mile-amos-decker-2_754/index.html" title="The Last Mile (Am
os Decker #2)">The Last Mile (Amos ...</h3>
<div class="product_price">
<p class="price_color">£54.21</p>
<p class="instock availability">
<i class="icon-ok"></i>

In stock

</p>
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..." type="submit">Add
to basket</button>
</form>
</div>
</article>

<li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">
<article class="product_pod">
<div class="image_container">

</div>
<p class="star-rating One">
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
</p>
<h3><a href="../../that-darkness-gardiner-and-renner-1_743/index.html" title="That Dark
ness (Gardiner and Renner #1)">That Darkness (Gardiner and ...</h3>
<div class="product_price">
<p class="price_color">£13.92</p>
<p class="instock availability">
<i class="icon-ok"></i>

In stock

```
</p>
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..." type="submit">Add
to basket</button>
</form>
</div>
</article>
</li>
<li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">
<article class="product_pod">
<div class="image_container">
<a href="../../tastes-like-fear-di-marnie-rome-3_742/index.html"></a>
</div>
<p class="star-rating One">
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
</p>
<h3><a href="../../tastes-like-fear-di-marnie-rome-3_742/index.html" title="Tastes Like
Fear (DI Marnie Rome #3)">Tastes Like Fear (DI ...</a></h3>
<div class="product_price">
<p class="price_color">£10.69</p>
<p class="instock availability">
<i class="icon-ok"></i>
```

In stock

```
</p>
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..." type="submit">Add
to basket</button>
</form>
</div>
</article>
</li>
<li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">
<article class="product_pod">
<div class="image_container">
<a href="../../a-time-of-torment-charlie-parker-14_657/index.html"></a>
</div>
<p class="star-rating Five">
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
</p>
<h3><a href="../../a-time-of-torment-charlie-parker-14_657/index.html" title="A Time of
Torment (Charlie Parker #14)">A Time of Torment ...</a></h3>
<div class="product_price">
<p class="price_color">£48.35</p>
<p class="instock availability">
<i class="icon-ok"></i>
```

In stock

```
</p>
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..." type="submit">Add
```

```
to basket</button>
</form>
</div>
</article>
</li>
<li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">
<article class="product_pod">
<div class="image_container">
<a href="../../a-study-in-scarlet-sherlock-holmes-1_656/index.html"></a>
</div>
<p class="star-rating Two">
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
</p>
<h3><a href="../../a-study-in-scarlet-sherlock-holmes-1_656/index.html" title="A Study
in Scarlet (Sherlock Holmes #1)">A Study in Scarlet ...</a></h3>
<div class="product_price">
<p class="price_color">£16.73</p>
<p class="instock availability">
<i class="icon-ok"></i>
```

In stock

```
</p>
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..." type="submit">Add
to basket</button>
</form>
</div>
</article>
</li>
<li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">
<article class="product_pod">
<div class="image_container">
<a href="../../poisonous-max-revere-novels-3_627/index.html"></a>
</div>
<p class="star-rating Three">
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
</p>
<h3><a href="../../poisonous-max-revere-novels-3_627/index.html" title="Poisonous (Max
Revere Novels #3)">Poisonous (Max Revere Novels ...</a></h3>
<div class="product_price">
<p class="price_color">£26.80</p>
<p class="instock availability">
<i class="icon-ok"></i>
```

In stock

```
</p>
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..." type="submit">Add
to basket</button>
</form>
</div>
</article>
```

```
</li>
<li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">
<article class="product_pod">
<div class="image_container">
<a href="../../murder-at-the-42nd-street-library-raymond-ambler-1_624/index.html"><img
alt="Murder at the 42nd Street Library (Raymond Ambler #1)" class="thumbnail" src
="../../media/cache/c3/8d/c38d65cd155b67ca025f0655bd1bb095.jpg"/></a>
</div>
<p class="star-rating Four">
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
</p>
<h3><a href="../../murder-at-the-42nd-street-library-raymond-ambler-1_624/index.html" t
itle="Murder at the 42nd Street Library (Raymond Ambler #1)">Murder at the 42nd ...</a></h3>
<div class="product_price">
<p class="price_color">£54.36</p>
<p class="instock availability">
<i class="icon-ok"></i>
```

In stock

```
</p>
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..." type="submit">Add
to basket</button>
</form>
</div>
</article>
</li>
<li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">
<article class="product_pod">
<div class="image_container">
<a href="../../most-wanted_623/index.html"><img alt="Most Wanted" class="thumbnail" src
="../../media/cache/8b/bc/8bbc5ab4c3784b4d9b93eb0fd1fb6fd6.jpg"/></a>
</div>
<p class="star-rating Three">
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
</p>
<h3><a href="../../most-wanted_623/index.html" title="Most Wanted">Most Wanted</a></h3>
<div class="product_price">
<p class="price_color">£35.28</p>
<p class="instock availability">
<i class="icon-ok"></i>
```

In stock

```
</p>
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..." type="submit">Add
to basket</button>
</form>
</div>
</article>
</li>
<li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">
<article class="product_pod">
<div class="image_container">
<a href="../../hide-away-eve-duncan-20_620/index.html"></a>
</div>
<p class="star-rating One">
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
</p>
<h3><a href="../../../hide-away-eve-duncan-20_620/index.html" title="Hide Away (Eve Duncan
#20)">Hide Away (Eve Duncan ...</a></h3>
<div class="product_price">
<p class="price_color">£11.84</p>
<p class="instock availability">
<i class="icon-ok"></i>
```

In stock

```
</p>
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..." type="submit">Add
to basket</button>
</form>
</div>
</article>
</li>
<li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">
<article class="product_pod">
<div class="image_container">
<a href="../../../boar-island-anna-pigeon-19_613/index.html"></a>
</div>
<p class="star-rating Three">
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
</p>
<h3><a href="../../../boar-island-anna-pigeon-19_613/index.html" title="Boar Island (Anna
Pigeon #19)">Boar Island (Anna Pigeon ...</a></h3>
<div class="product_price">
<p class="price_color">£59.48</p>
<p class="instock availability">
<i class="icon-ok"></i>
```

In stock

```
</p>
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..." type="submit">Add
to basket</button>
</form>
</div>
</article>
</li>
<li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">
<article class="product_pod">
<div class="image_container">
<a href="../../../the-widow_609/index.html"><img alt="The Widow" class="thumbnail" src
="../../../media/cache/fd/71/fd71fb07247bf911505a351c0670c6dc.jpg"/></a>
</div>
<p class="star-rating Two">
<i class="icon-star"></i>
```



```
<h3><a href="../../../what-happened-on-beale-street-secrets-of-the-south-mysteries-2_506/index.html" title="What Happened on Beale Street (Secrets of the South Mysteries #2)">What Happened on Beale ...</a></h3>
<div class="product_price">
<p class="price_color">£25.37</p>
<p class="instock availability">
<i class="icon-ok"></i>
```

In stock

```
</p>
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..." type="submit">Add to basket</button>
</form>
</div>
</article>
</li>
<li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">
<article class="product_pod">
<div class="image_container">
<a href="../../../the-bachelor-girls-guide-to-murder-herringford-and-watts-mysteries-1_491/index.html"></a>
</div>
<p class="star-rating Five">
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
</p>
<h3><a href="../../../the-bachelor-girls-guide-to-murder-herringford-and-watts-mysteries-1_491/index.html" title="The Bachelor Girl's Guide to Murder (Herringford and Watts Mysteries #1)">The Bachelor Girl's Guide ...</a></h3>
<div class="product_price">
<p class="price_color">£52.30</p>
<p class="instock availability">
<i class="icon-ok"></i>
```

In stock

```
</p>
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..." type="submit">Add to basket</button>
</form>
</div>
</article>
</li>
<li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">
<article class="product_pod">
<div class="image_container">
<a href="../../../delivering-the-truth-quaker-midwife-mystery-1_464/index.html"></a>
</div>
<p class="star-rating Four">
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
</p>
<h3><a href="../../../delivering-the-truth-quaker-midwife-mystery-1_464/index.html" title
```

```

="Delivering the Truth (Quaker Midwife Mystery #1)">Delivering the Truth (Quaker ...</a></h3>
<div class="product_price">
<p class="price_color">£20.89</p>
<p class="instock availability">
<i class="icon-ok"></i>

    In stock

</p>
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..." type="submit">Add
to basket</button>
</form>
</div>
</article>
</li>
</ol>
<div>
<ul class="pager">
<li class="current">

        Page 1 of 2

    </li>
<li class="next"><a href="page-2.html">next</a></li>
</ul>
</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 src="../../../../static/oscar/js/jquery/j
query-1.9.1.min.js"></script>')</script>
<!-- Twitter Bootstrap -->
<script src="../../../../static/oscar/js/bootstrap3/bootstrap.min.js" type="text/javascrip
t"></script>
<!-- Oscar -->
<script charset="utf-8" src="../../../../static/oscar/js/oscar/ui.js" type="text/javascrip
t"></script>
<script charset="utf-8" src="../../../../static/oscar/js/bootstrap-datetimepicker/bootstra
p-datetimepicker.js" type="text/javascript"></script>
<script charset="utf-8" src="../../../../static/oscar/js/bootstrap-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>

```

```
In [12]: data = {
        'product_page_url': [],
        'title': [],
        'price_including_tax': [],
        'number_available': []
    }
```

```
In [13]: book_page_list = soup.find('ol', class_="row").find_all("li")
        book_page_list
```

```
Out[13]: [<li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">
    <article class="product_pod">
    <div class="image_container">
    <a href="../../../sharp-objects_997/index.html"></a>
    </div>
    <p class="star-rating Four">
    <i class="icon-star"></i>
    <i class="icon-star"></i>
    <i class="icon-star"></i>
    <i class="icon-star"></i>
    <i class="icon-star"></i>
    <i class="icon-star"></i>
    </p>
    <h3><a href="../../../sharp-objects_997/index.html" title="Sharp Objects">Sharp Objects</a></h3>
    <div class="product_price">
    <p class="price_color">£47.82</p>
    <p class="instock availability">
    <i class="icon-ok"></i>

        In stock

    </p>
    <form>
    <button class="btn btn-primary btn-block" data-loading-text="Adding..." type="submit">Add to basket</button>
    </form>
    </div>
    </article>
    </li>,
    <li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">
    <article class="product_pod">
    <div class="image_container">
    <a href="../../../in-a-dark-dark-wood_963/index.html"></a>
    </div>
    <p class="star-rating One">
    <i class="icon-star"></i>
    <i class="icon-star"></i>
    <i class="icon-star"></i>
    <i class="icon-star"></i>
    <i class="icon-star"></i>
    <i class="icon-star"></i>
    </p>
    <h3><a href="../../../in-a-dark-dark-wood_963/index.html" title="In a Dark, Dark Wood">In a Dark, Dark ...</a></h3>
    <div class="product_price">
    <p class="price_color">£19.63</p>
    <p class="instock availability">
    <i class="icon-ok"></i>

        In stock

    </p>
```

```
</form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..." type="submit">Add
to basket</button>
</form>
</div>
</article>
</li>,
<li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">
<article class="product_pod">
<div class="image_container">
<a href="../../../the-past-never-ends_942/index.html"></
a>
</div>
<p class="star-rating Four">
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
</p>
<h3><a href="../../../the-past-never-ends_942/index.html" title="The Past Never Ends">The
Past Never Ends</a></h3>
<div class="product_price">
<p class="price_color">£56.50</p>
<p class="instock availability">
<i class="icon-ok"></i>
```

In stock

```
</p>
</form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..." type="submit">Add
to basket</button>
</form>
</div>
</article>
</li>,
<li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">
<article class="product_pod">
<div class="image_container">
<a href="../../../a-murder-in-time_877/index.html"></a>
</div>
<p class="star-rating One">
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
</p>
<h3><a href="../../../a-murder-in-time_877/index.html" title="A Murder in Time">A Murder
in Time</a></h3>
<div class="product_price">
<p class="price_color">£16.64</p>
<p class="instock availability">
<i class="icon-ok"></i>
```

In stock

```
</p>
</form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..." type="submit">Add
to basket</button>
</form>
</div>
```

```
</article>
</li>,
<li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">
<article class="product_pod">
<div class="image_container">
<a href="../../the-murder-of-roger-ackroyd-hercule-poirot-4_852/index.html"></a>
</div>
<p class="star-rating Four">
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
</p>
<h3><a href="../../the-murder-of-roger-ackroyd-hercule-poirot-4_852/index.html" title
="The Murder of Roger Ackroyd (Hercule Poirot #4)">The Murder of Roger ...</a></h3>
<div class="product_price">
<p class="price_color">£44.10</p>
<p class="instock availability">
<i class="icon-ok"></i>
```

In stock

```
</p>
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..." type="submit">Add
to basket</button>
</form>
</div>
</article>
</li>,
<li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">
<article class="product_pod">
<div class="image_container">
<a href="../../the-last-mile-amos-decker-2_754/index.html"></a>
</div>
<p class="star-rating Two">
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
</p>
<h3><a href="../../the-last-mile-amos-decker-2_754/index.html" title="The Last Mile (A
mos Decker #2)">The Last Mile (Amos ...</a></h3>
<div class="product_price">
<p class="price_color">£54.21</p>
<p class="instock availability">
<i class="icon-ok"></i>
```

In stock

```
</p>
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..." type="submit">Add
to basket</button>
</form>
</div>
</article>
</li>,
<li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">
<article class="product_pod">
```

```
<div class="image_container">
  <a href="../../that-darkness-gardiner-and-renner-1_743/index.html"></a>
</div>
<p class="star-rating One">
  <i class="icon-star"></i>
  <i class="icon-star"></i>
  <i class="icon-star"></i>
  <i class="icon-star"></i>
  <i class="icon-star"></i>
  <i class="icon-star"></i>
</p>
<h3><a href="../../that-darkness-gardiner-and-renner-1_743/index.html" title="That Dar
kness (Gardiner and Renner #1)">That Darkness (Gardiner and ...</a></h3>
<div class="product_price">
  <p class="price_color">£13.92</p>
  <p class="instock availability">
    <i class="icon-ok"></i>

      In stock

  </p>
</form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..." type="submit">Add
to basket</button>
</form>
</div>
</article>
</li>,
<li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">
  <article class="product_pod">
    <div class="image_container">
      <a href="../../tastes-like-fear-di-marnie-rome-3_742/index.html"></a>
    </div>
    <p class="star-rating One">
      <i class="icon-star"></i>
      <i class="icon-star"></i>
      <i class="icon-star"></i>
      <i class="icon-star"></i>
      <i class="icon-star"></i>
      <i class="icon-star"></i>
    </p>
    <h3><a href="../../tastes-like-fear-di-marnie-rome-3_742/index.html" title="Tastes Lik
e Fear (DI Marnie Rome #3)">Tastes Like Fear (DI ...</a></h3>
    <div class="product_price">
      <p class="price_color">£10.69</p>
      <p class="instock availability">
        <i class="icon-ok"></i>

          In stock

        </p>
      </form>
      <button class="btn btn-primary btn-block" data-loading-text="Adding..." type="submit">Add
to basket</button>
      </form>
    </div>
    </article>
    </li>,
    <li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">
      <article class="product_pod">
        <div class="image_container">
          <a href="../../a-time-of-torment-charlie-parker-14_657/index.html"></a>
```

```
</div>
<p class="star-rating Five">
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
</p>
<h3><a href="../../../a-time-of-torment-charlie-parker-14_657/index.html" title="A Time o
f Torment (Charlie Parker #14)">A Time of Torment ...</a></h3>
<div class="product_price">
<p class="price_color">£48.35</p>
<p class="instock availability">
<i class="icon-ok"></i>
```

In stock

```
</p>
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..." type="submit">Add
to basket</button>
</form>
</div>
</article>
</li>,
<li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">
<article class="product_pod">
<div class="image_container">
<a href="../../../a-study-in-scarlet-sherlock-holmes-1_656/index.html"></a>
</div>
<p class="star-rating Two">
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
</p>
<h3><a href="../../../a-study-in-scarlet-sherlock-holmes-1_656/index.html" title="A Study
in Scarlet (Sherlock Holmes #1)">A Study in Scarlet ...</a></h3>
<div class="product_price">
<p class="price_color">£16.73</p>
<p class="instock availability">
<i class="icon-ok"></i>
```

In stock

```
</p>
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..." type="submit">Add
to basket</button>
</form>
</div>
</article>
</li>,
<li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">
<article class="product_pod">
<div class="image_container">
<a href="../../../poisonous-max-revere-novels-3_627/index.html"></a>
</div>
<p class="star-rating Three">
<i class="icon-star"></i>
<i class="icon-star"></i>
```



```
<h3><a href="../../../most-wanted_623/index.html" title="Most Wanted">Most Wanted</a></h3>
>
<div class="product_price">
<p class="price_color">£35.28</p>
<p class="instock availability">
<i class="icon-ok"></i>

    In stock

</p>
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..." type="submit">Add
to basket</button>
</form>
</div>
</article>
</li>,
<li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">
<article class="product_pod">
<div class="image_container">
<a href="../../../hide-away-eve-duncan-20_620/index.html"></a>
</div>
<p class="star-rating One">
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
</p>
<h3><a href="../../../hide-away-eve-duncan-20_620/index.html" title="Hide Away (Eve Dunca
n #20)">Hide Away (Eve Duncan ...</a></h3>
<div class="product_price">
<p class="price_color">£11.84</p>
<p class="instock availability">
<i class="icon-ok"></i>

    In stock

</p>
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..." type="submit">Add
to basket</button>
</form>
</div>
</article>
</li>,
<li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">
<article class="product_pod">
<div class="image_container">
<a href="../../../boar-island-anna-pigeon-19_613/index.html"></a>
</div>
<p class="star-rating Three">
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
</p>
<h3><a href="../../../boar-island-anna-pigeon-19_613/index.html" title="Boar Island (Anna
Pigeon #19)">Boar Island (Anna Pigeon ...</a></h3>
<div class="product_price">
<p class="price_color">£59.48</p>
```

```
<p class="instock availability">
<i class="icon-ok"></i>

    In stock

</p>
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..." type="submit">Add
to basket</button>
</form>
</div>
</article>
</li>,
<li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">
<article class="product_pod">
<div class="image_container">
<a href="../../../the-widow_609/index.html"><img alt="The Widow" class="thumbnail" src
="../../../media/cache/fd/71/fd71fb07247bf911505a351c0670c6dc.jpg"/></a>
</div>
<p class="star-rating Two">
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
</p>
<h3><a href="../../../the-widow_609/index.html" title="The Widow">The Widow</a></h3>
<div class="product_price">
<p class="price_color">£27.26</p>
<p class="instock availability">
<i class="icon-ok"></i>
```

```
    In stock

</p>
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..." type="submit">Add
to basket</button>
</form>
</div>
</article>
</li>,
<li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">
<article class="product_pod">
<div class="image_container">
<a href="../../../playing-with-fire_602/index.html"></a>
</div>
<p class="star-rating Three">
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
</p>
<h3><a href="../../../playing-with-fire_602/index.html" title="Playing with Fire">Playing
with Fire</a></h3>
<div class="product_price">
<p class="price_color">£13.71</p>
<p class="instock availability">
<i class="icon-ok"></i>
```

```
    In stock

</p>
<form>
```

```

<button class="btn btn-primary btn-block" data-loading-text="Adding..." type="submit">Add
to basket</button>
</form>
</div>
</article>
</li>,
<li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">
<article class="product_pod">
<div class="image_container">
<a href="../../what-happened-on-beale-street-secrets-of-the-south-mysteries-2_506/inde
x.html"></a
>
</div>
<p class="star-rating Five">
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
</p>
<h3><a href="../../what-happened-on-beale-street-secrets-of-the-south-mysteries-2_506/
index.html" title="What Happened on Beale Street (Secrets of the South Mysteries #2)">What
Happened on Beale ...</a></h3>
<div class="product_price">
<p class="price_color">£25.37</p>
<p class="instock availability">
<i class="icon-ok"></i>

In stock

</p>
<form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..." type="submit">Add
to basket</button>
</form>
</div>
</article>
</li>,
<li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">
<article class="product_pod">
<div class="image_container">
<a href="../../the-bachelor-girls-guide-to-murder-herringford-and-watts-mysteries-1_49
1/index.html"></a>
</div>
<p class="star-rating Five">
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
</p>
<h3><a href="../../the-bachelor-girls-guide-to-murder-herringford-and-watts-mysteries-
1_491/index.html" title="The Bachelor Girl's Guide to Murder (Herringford and Watts Myster
ies #1)">The Bachelor Girl's Guide ...</a></h3>
<div class="product_price">
<p class="price_color">£52.30</p>
<p class="instock availability">
<i class="icon-ok"></i>

In stock

</p>
<form>

```

```

<button class="btn btn-primary btn-block" data-loading-text="Adding..." type="submit">Add
to basket</button>
</form>
</div>
</article>
</li>,
<li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">
<article class="product_pod">
<div class="image_container">
<a href="../../../delivering-the-truth-quaker-midwife-mystery-1_464/index.html"></a>
</div>
<p class="star-rating Four">
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
</p>
<h3><a href="../../../delivering-the-truth-quaker-midwife-mystery-1_464/index.html" title
="Delivering the Truth (Quaker Midwife Mystery #1)">Delivering the Truth (Quaker ...</a></
h3>
<div class="product_price">
<p class="price_color">£20.89</p>
<p class="instock availability">
<i class="icon-ok"></i>

        In stock

</p>
</form>
<button class="btn btn-primary btn-block" data-loading-text="Adding..." type="submit">Add
to basket</button>
</form>
</div>
</article>
</li>]

```

```
In [14]: book_page_list[0].a['href'].split("/") [3:]
```

```
Out[14]: ['sharp-objects_997', 'index.html']
```

```
In [15]:
for li in book_page_list:
    href_split = li.a['href'].split("/") [3:]
    book_page_link = "http://books.toscrape.com/catalogue/" + "/".join(href_split)

    print(book_page_link)

    req = requests.get(book_page_link)
    soup = BeautifulSoup(req.content, features="html.parser")

    data['product_page_url'].append(book_page_link)

    rows = soup.find("table").find_all("tr")

    title = soup.find('title').text.strip()
    data['title'].append(title)

    data['price_including_tax'].append(rows[3].find('td').text.strip())
    data['number_available'].append(rows[5].find('td').text.strip())

```

http://books.toscrape.com/catalogue/sharp-objects_997/index.html

```

http://books.toscrape.com/catalogue/in-a-dark-dark-wood_963/index.html
http://books.toscrape.com/catalogue/the-past-never-ends_942/index.html
http://books.toscrape.com/catalogue/a-murder-in-time_877/index.html
http://books.toscrape.com/catalogue/the-murder-of-roger-ackroyd-hercule-poirot-4_852/index.html
http://books.toscrape.com/catalogue/the-last-mile-amos-decker-2_754/index.html
http://books.toscrape.com/catalogue/that-darkness-gardiner-and-renner-1_743/index.html
http://books.toscrape.com/catalogue/tastes-like-fear-di-marnie-rome-3_742/index.html
http://books.toscrape.com/catalogue/a-time-of-torment-charlie-parker-14_657/index.html
http://books.toscrape.com/catalogue/a-study-in-scarlet-sherlock-holmes-1_656/index.html
http://books.toscrape.com/catalogue/poisonous-max-revere-novels-3_627/index.html
http://books.toscrape.com/catalogue/murder-at-the-42nd-street-library-raymond-ambler-1_624/index.html
http://books.toscrape.com/catalogue/most-wanted_623/index.html
http://books.toscrape.com/catalogue/hide-away-eve-duncan-20_620/index.html
http://books.toscrape.com/catalogue/boar-island-anna-pigeon-19_613/index.html
http://books.toscrape.com/catalogue/the-widow_609/index.html
http://books.toscrape.com/catalogue/playing-with-fire_602/index.html
http://books.toscrape.com/catalogue/what-happened-on-beale-street-secrets-of-the-south-mysteries-2_506/index.html
http://books.toscrape.com/catalogue/the-bachelor-girls-guide-to-murder-herringford-and-watts-mysteries-1_491/index.html
http://books.toscrape.com/catalogue/delivering-the-truth-quaker-midwife-mystery-1_464/index.html

```

In [16]: data

```

Out[16]: {'product_page_url': ['http://books.toscrape.com/catalogue/sharp-objects_997/index.html',
    'http://books.toscrape.com/catalogue/in-a-dark-dark-wood_963/index.html',
    'http://books.toscrape.com/catalogue/the-past-never-ends_942/index.html',
    'http://books.toscrape.com/catalogue/a-murder-in-time_877/index.html',
    'http://books.toscrape.com/catalogue/the-murder-of-roger-ackroyd-hercule-poirot-4_852/index.html',
    'http://books.toscrape.com/catalogue/the-last-mile-amos-decker-2_754/index.html',
    'http://books.toscrape.com/catalogue/that-darkness-gardiner-and-renner-1_743/index.html',
    'http://books.toscrape.com/catalogue/tastes-like-fear-di-marnie-rome-3_742/index.html',
    'http://books.toscrape.com/catalogue/a-time-of-torment-charlie-parker-14_657/index.html',
    'http://books.toscrape.com/catalogue/a-study-in-scarlet-sherlock-holmes-1_656/index.html',
    'http://books.toscrape.com/catalogue/poisonous-max-revere-novels-3_627/index.html',
    'http://books.toscrape.com/catalogue/murder-at-the-42nd-street-library-raymond-ambler-1_624/index.html',
    'http://books.toscrape.com/catalogue/most-wanted_623/index.html',
    'http://books.toscrape.com/catalogue/hide-away-eve-duncan-20_620/index.html',
    'http://books.toscrape.com/catalogue/boar-island-anna-pigeon-19_613/index.html',
    'http://books.toscrape.com/catalogue/the-widow_609/index.html',
    'http://books.toscrape.com/catalogue/playing-with-fire_602/index.html',
    'http://books.toscrape.com/catalogue/what-happened-on-beale-street-secrets-of-the-south-mysteries-2_506/index.html',
    'http://books.toscrape.com/catalogue/the-bachelor-girls-guide-to-murder-herringford-and-watts-mysteries-1_491/index.html',
    'http://books.toscrape.com/catalogue/delivering-the-truth-quaker-midwife-mystery-1_464/index.html'],
    'title': ['Sharp Objects | Books to Scrape - Sandbox',
    'In a Dark, Dark Wood | Books to Scrape - Sandbox',
    'The Past Never Ends | Books to Scrape - Sandbox',
    'A Murder in Time | Books to Scrape - Sandbox',
    'The Murder of Roger Ackroyd (Hercule Poirot #4) | Books to Scrape - Sandbox',
    'The Last Mile (Amos Decker #2) | Books to Scrape - Sandbox',
    'That Darkness (Gardiner and Renner #1) | Books to Scrape - Sandbox',
    'Tastes Like Fear (DI Marnie Rome #3) | Books to Scrape - Sandbox',
    'A Time of Torment (Charlie Parker #14) | Books to Scrape - Sandbox',
    'A Study in Scarlet (Sherlock Holmes #1) | Books to Scrape - Sandbox',

```

```

'Poisonous (Max Revere Novels #3) | Books to Scrape - Sandbox',
'Murder at the 42nd Street Library (Raymond Ambler #1) | Books to Scrape - Sandbox',
'Most Wanted | Books to Scrape - Sandbox',
'Hide Away (Eve Duncan #20) | Books to Scrape - Sandbox',
'Boar Island (Anna Pigeon #19) | Books to Scrape - Sandbox',
'The Widow | Books to Scrape - Sandbox',
'Playing with Fire | Books to Scrape - Sandbox',
'What Happened on Beale Street (Secrets of the South Mysteries #2) | Books to Scrape - S
andbox',
"The Bachelor Girl's Guide to Murder (Herringford and Watts Mysteries #1) | Books to Scr
ape - Sandbox",
'Delivering the Truth (Quaker Midwife Mystery #1) | Books to Scrape - Sandbox'],
'price_including_tax': ['£47.82',
'£19.63',
'£56.50',
'£16.64',
'£44.10',
'£54.21',
'£13.92',
'£10.69',
'£48.35',
'£16.73',
'£26.80',
'£54.36',
'£35.28',
'£11.84',
'£59.48',
'£27.26',
'£13.71',
'£25.37',
'£52.30',
'£20.89'],
'number_available': ['In stock (20 available)',
'In stock (18 available)',
'In stock (16 available)',
'In stock (16 available)',
'In stock (15 available)',
'In stock (14 available)',
'In stock (14 available)',
'In stock (14 available)',
'In stock (14 available)',
'In stock (14 available)',
'In stock (14 available)',
'In stock (12 available)',
'In stock (12 available)',
'In stock (12 available)',
'In stock (12 available)',
'In stock (12 available)',
'In stock (12 available)',
'In stock (11 available)',
'In stock (11 available)',
'In stock (7 available)',
'In stock (7 available)',
'In stock (7 available)']]

```

In [17]:

```

import pandas as pd
df = pd.DataFrame(data)
df

```

Out[17]:

	product_page_url	title	price_including_tax	number_available
0	http://books.toscrape.com/catalogue/sharp-obje...	Sharp Objects Books to Scrape - Sandbox	£47.82	In stock (20 available)

	product_page_url	title	price_including_tax	number_available
1	http://books.toscrape.com/catalogue/in-a-dark-...	In a Dark, Dark Wood Books to Scrape - Sandbox	£19.63	In stock (18 available)
2	http://books.toscrape.com/catalogue/the-past-n...	The Past Never Ends Books to Scrape - Sandbox	£56.50	In stock (16 available)
3	http://books.toscrape.com/catalogue/a-murder-i...	A Murder in Time Books to Scrape - Sandbox	£16.64	In stock (16 available)
4	http://books.toscrape.com/catalogue/the-murder...	The Murder of Roger Ackroyd (Hercule Poirot #4...	£44.10	In stock (15 available)
5	http://books.toscrape.com/catalogue/the-last-m...	The Last Mile (Amos Decker #2) Books to Scra...	£54.21	In stock (14 available)
6	http://books.toscrape.com/catalogue/that-darkn...	That Darkness (Gardiner and Renner #1) Books...	£13.92	In stock (14 available)
7	http://books.toscrape.com/catalogue/tastes-lik...	Tastes Like Fear (DI Marnie Rome #3) Books t...	£10.69	In stock (14 available)
8	http://books.toscrape.com/catalogue/a-time-of-...	A Time of Torment (Charlie Parker #14) Books...	£48.35	In stock (14 available)
9	http://books.toscrape.com/catalogue/a-study-in...	A Study in Scarlet (Sherlock Holmes #1) Book...	£16.73	In stock (14 available)
10	http://books.toscrape.com/catalogue/poisonous-...	Poisonous (Max Revere Novels #3) Books to Sc...	£26.80	In stock (12 available)
11	http://books.toscrape.com/catalogue/murder-at-...	Murder at the 42nd Street Library (Raymond Amb...	£54.36	In stock (12 available)
12	http://books.toscrape.com/catalogue/most-wante...	Most Wanted Books to Scrape - Sandbox	£35.28	In stock (12 available)
13	http://books.toscrape.com/catalogue/hide-away-...	Hide Away (Eve Duncan #20) Books to Scrape - ...	£11.84	In stock (12 available)
14	http://books.toscrape.com/catalogue/boar-islan...	Boar Island (Anna Pigeon #19) Books to Scrap...	£59.48	In stock (12 available)
15	http://books.toscrape.com/catalogue/the-widow_...	The Widow Books to Scrape - Sandbox	£27.26	In stock (11 available)
16	http://books.toscrape.com/catalogue/playing-wi...	Playing with Fire Books to Scrape - Sandbox	£13.71	In stock (11 available)
17	http://books.toscrape.com/catalogue/what-happe...	What Happened on Beale Street (Secrets of the ...	£25.37	In stock (7 available)
18	http://books.toscrape.com/catalogue/the-bachel...	The Bachelor Girl's Guide to Murder (Herringfo...	£52.30	In stock (7 available)
19	http://books.toscrape.com/catalogue/delivering...	Delivering the Truth (Quaker Midwife Mystery #...	£20.89	In stock (7 available)

In [18]:

```
df.to_csv('books_to_scrap')
```

```
In [19]: pip install nbconvert
```

```
Requirement already satisfied: nbconvert in c:\users\gadir\anaconda3\lib\site-packages (6.1.0)
Requirement already satisfied: traitlets>=5.0 in c:\users\gadir\anaconda3\lib\site-packages (from nbconvert) (5.1.0)
Requirement already satisfied: defusedxml in c:\users\gadir\anaconda3\lib\site-packages (from nbconvert) (0.7.1)
Requirement already satisfied: nbformat>=4.4 in c:\users\gadir\anaconda3\lib\site-packages (from nbconvert) (5.1.3)
Requirement already satisfied: testpath in c:\users\gadir\anaconda3\lib\site-packages (from nbconvert) (0.5.0)
Requirement already satisfied: jinja2>=2.4 in c:\users\gadir\anaconda3\lib\site-packages (from nbconvert) (2.11.3)
Requirement already satisfied: nbclient<0.6.0,>=0.5.0 in c:\users\gadir\anaconda3\lib\site-packages (from nbconvert) (0.5.3)
Requirement already satisfied: jupyter-core in c:\users\gadir\anaconda3\lib\site-packages (from nbconvert) (4.8.1)
Requirement already satisfied: jupyterlab-pygments in c:\users\gadir\anaconda3\lib\site-packages (from nbconvert) (0.1.2)
Requirement already satisfied: bleach in c:\users\gadir\anaconda3\lib\site-packages (from nbconvert) (4.0.0)
Requirement already satisfied: entrypoints>=0.2.2 in c:\users\gadir\anaconda3\lib\site-packages (from nbconvert) (0.3)
Requirement already satisfied: pandocfilters>=1.4.1 in c:\users\gadir\anaconda3\lib\site-packages (from nbconvert) (1.4.3)
Requirement already satisfied: pygments>=2.4.1 in c:\users\gadir\anaconda3\lib\site-packages (from nbconvert) (2.10.0)
Requirement already satisfied: mistune<2,>=0.8.1 in c:\users\gadir\anaconda3\lib\site-packages (from nbconvert) (0.8.4)
Requirement already satisfied: MarkupSafe>=0.23 in c:\users\gadir\anaconda3\lib\site-packages (from jinja2>=2.4->nbconvert) (1.1.1)
Requirement already satisfied: jupyter-client>=6.1.5 in c:\users\gadir\anaconda3\lib\site-packages (from nbclient<0.6.0,>=0.5.0->nbconvert) (6.1.12)
Requirement already satisfied: async-generator in c:\users\gadir\anaconda3\lib\site-packages (from nbclient<0.6.0,>=0.5.0->nbconvert) (1.10)
Requirement already satisfied: nest-asyncio in c:\users\gadir\anaconda3\lib\site-packages (from nbclient<0.6.0,>=0.5.0->nbconvert) (1.5.1)
Requirement already satisfied: pyzmq>=13 in c:\users\gadir\anaconda3\lib\site-packages (from jupyter-client>=6.1.5->nbclient<0.6.0,>=0.5.0->nbconvert) (22.2.1)
Requirement already satisfied: tornado>=4.1 in c:\users\gadir\anaconda3\lib\site-packages (from jupyter-client>=6.1.5->nbclient<0.6.0,>=0.5.0->nbconvert) (6.1)
Requirement already satisfied: python-dateutil>=2.1 in c:\users\gadir\anaconda3\lib\site-packages (from jupyter-client>=6.1.5->nbclient<0.6.0,>=0.5.0->nbconvert) (2.8.2)
Requirement already satisfied: pywin32>=1.0 in c:\users\gadir\anaconda3\lib\site-packages (from jupyter-core->nbconvert) (228)
Requirement already satisfied: jsonschema!=2.5.0,>=2.4 in c:\users\gadir\anaconda3\lib\site-packages (from nbformat>=4.4->nbconvert) (3.2.0)
Requirement already satisfied: ipython-genutils in c:\users\gadir\anaconda3\lib\site-packages (from nbformat>=4.4->nbconvert) (0.2.0)
Requirement already satisfied: attrs>=17.4.0 in c:\users\gadir\anaconda3\lib\site-packages (from jsonschema!=2.5.0,>=2.4->nbformat>=4.4->nbconvert) (21.2.0)
Requirement already satisfied: setuptools in c:\users\gadir\anaconda3\lib\site-packages (from jsonschema!=2.5.0,>=2.4->nbformat>=4.4->nbconvert) (58.0.4)
Requirement already satisfied: six>=1.11.0 in c:\users\gadir\anaconda3\lib\site-packages (from jsonschema!=2.5.0,>=2.4->nbformat>=4.4->nbconvert) (1.16.0)
Requirement already satisfied: pyparsing>=2.0.2 in c:\users\gadir\anaconda3\lib\site-packages (from packaging->nbconvert) (2.1.0)
Requirement already satisfied: webencodings in c:\users\gadir\anaconda3\lib\site-packages (from bleach->nbconvert) (0.5.1)
Requirement already satisfied: pyparsing>=2.0.2 in c:\users\gadir\anaconda3\lib\site-packages (from packaging->nbconvert) (2.1.0)
```


ges (from packaging->bleach->nbconvert) (3.0.4)

Note: you may need to restart the kernel to use updated packages.

In [1]: `!pip install nbconvert webpdf`

Requirement already satisfied: nbconvert in c:\users\gadir\anaconda3\lib\site-packages (6.1.0)

Collecting webpdf

Downloading webpdf-1.0-py3-none-any.whl (13 kB)

Requirement already satisfied: nbclient<0.6.0,>=0.5.0 in c:\users\gadir\anaconda3\lib\site-packages (from nbconvert) (0.5.3)

Requirement already satisfied: traitlets>=5.0 in c:\users\gadir\anaconda3\lib\site-packages (from nbconvert) (5.1.0)

Requirement already satisfied: testpath in c:\users\gadir\anaconda3\lib\site-packages (from nbconvert) (0.5.0)

Requirement already satisfied: jinja2>=2.4 in c:\users\gadir\anaconda3\lib\site-packages (from nbconvert) (2.11.3)

Requirement already satisfied: nbformat>=4.4 in c:\users\gadir\anaconda3\lib\site-packages (from nbconvert) (5.1.3)

Requirement already satisfied: mistune<2,>=0.8.1 in c:\users\gadir\anaconda3\lib\site-packages (from nbconvert) (0.8.4)

Requirement already satisfied: pygments>=2.4.1 in c:\users\gadir\anaconda3\lib\site-packages (from nbconvert) (2.10.0)

Requirement already satisfied: jupyter-core in c:\users\gadir\anaconda3\lib\site-packages (from nbconvert) (4.8.1)

Requirement already satisfied: bleach in c:\users\gadir\anaconda3\lib\site-packages (from nbconvert) (4.0.0)

Requirement already satisfied: defusedxml in c:\users\gadir\anaconda3\lib\site-packages (from nbconvert) (0.7.1)

Requirement already satisfied: pandocfilters>=1.4.1 in c:\users\gadir\anaconda3\lib\site-packages (from nbconvert) (1.4.3)

Requirement already satisfied: entrypoints>=0.2.2 in c:\users\gadir\anaconda3\lib\site-packages (from nbconvert) (0.3)

Requirement already satisfied: jupyterlab-pygments in c:\users\gadir\anaconda3\lib\site-packages (from nbconvert) (0.1.2)

Requirement already satisfied: MarkupSafe>=0.23 in c:\users\gadir\anaconda3\lib\site-packages (from jinja2>=2.4->nbconvert) (1.1.1)

Requirement already satisfied: async-generator in c:\users\gadir\anaconda3\lib\site-packages (from nbclient<0.6.0,>=0.5.0->nbconvert) (1.10)

Requirement already satisfied: nest-asyncio in c:\users\gadir\anaconda3\lib\site-packages (from nbclient<0.6.0,>=0.5.0->nbconvert) (1.5.1)

Requirement already satisfied: jupyter-client>=6.1.5 in c:\users\gadir\anaconda3\lib\site-packages (from nbclient<0.6.0,>=0.5.0->nbconvert) (6.1.12)

Requirement already satisfied: pyzmq>=13 in c:\users\gadir\anaconda3\lib\site-packages (from jupyter-client>=6.1.5->nbclient<0.6.0,>=0.5.0->nbconvert) (22.2.1)

Requirement already satisfied: python-dateutil>=2.1 in c:\users\gadir\anaconda3\lib\site-packages (from jupyter-client>=6.1.5->nbclient<0.6.0,>=0.5.0->nbconvert) (2.8.2)

Requirement already satisfied: tornado>=4.1 in c:\users\gadir\anaconda3\lib\site-packages (from jupyter-client>=6.1.5->nbclient<0.6.0,>=0.5.0->nbconvert) (6.1)

Requirement already satisfied: pywin32>=1.0 in c:\users\gadir\anaconda3\lib\site-packages (from jupyter-core->nbconvert) (228)

Requirement already satisfied: ipython-genutils in c:\users\gadir\anaconda3\lib\site-packages (from nbformat>=4.4->nbconvert) (0.2.0)

Requirement already satisfied: jsonschema!=2.5.0,>=2.4 in c:\users\gadir\anaconda3\lib\site-packages (from nbformat>=4.4->nbconvert) (3.2.0)

Requirement already satisfied: attrs>=17.4.0 in c:\users\gadir\anaconda3\lib\site-packages (from jsonschema!=2.5.0,>=2.4->nbformat>=4.4->nbconvert) (21.2.0)

Requirement already satisfied: six>=1.11.0 in c:\users\gadir\anaconda3\lib\site-packages (from jsonschema!=2.5.0,>=2.4->nbformat>=4.4->nbconvert) (1.16.0)

Requirement already satisfied: setuptools in c:\users\gadir\anaconda3\lib\site-packages (from jsonschema!=2.5.0,>=2.4->nbformat>=4.4->nbconvert) (58.0.4)

Requirement already satisfied: pyparsing>=0.14.0 in c:\users\gadir\anaconda3\lib\site-packages (from jsonschema!=2.5.0,>=2.4->nbformat>=4.4->nbconvert) (0.18.0)

Requirement already satisfied: packaging in c:\users\gadir\anaconda3\lib\site-packages (from bleach->nbconvert) (21.0)

```
Requirement already satisfied: webencodings in c:\users\gadir\anaconda3\lib\site-packages  
(from bleach->nbconvert) (0.5.1)  
Requirement already satisfied: pyparsing>=2.0.2 in c:\users\gadir\anaconda3\lib\site-packa  
ges (from packaging->bleach->nbconvert) (3.0.4)  
Installing collected packages: webpdf  
Successfully installed webpdf-1.0
```

In []: