ASSIGNMENT - 9

Roll No.: 33278

```python
import requests
import lxml
import pandas as pd
from bs4 import BeautifulSoup

req = requests.get('https://books.toscrape.com/catalogue/page-1.html')
print(req)
```

```
<Response [200]>
```

```python
soup = BeautifulSoup(req.text, "html.parser")
print(soup.prettify())
```

```
<!DOCTYPE html>
<!--[if lt IE 7]>      <html lang="en-us" class="no-js lt-ie9 lt-ie8
lt-ie7"> <![endif]-->
<!--[if IE 7]>         <html lang="en-us" class="no-js lt-ie9 lt-ie8">
<![endif]-->
<!--[if IE 8]>         <html lang="en-us" class="no-js lt-ie9"> <!
[endif]-->
<!--[if gt IE 8]><!-->
<html class="no-js" lang="en-us">
 <!--<![endif]-->
 <head>
  <title>
   All products | Books to Scrape - Sandbox
  </title>
  <meta content="text/html; charset=utf-8" http-equiv="content-type"/>
  <meta content="24th Jun 2016 09:30" 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/css"/>
 </head>
 <body class="default" id="default">
```

```html
<header class="header container-fluid">
 <div class="page_inner">
  <div class="row">
   <div class="col-sm-8 h1">
    <a href="../index.html">
     Books to Scrape
    </a>
    <small>
     We love being scraped!
    </small>
   </div>
  </div>
 </div>
</header>
<div class="container-fluid page">
 <div class="page_inner">
  <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="category/books_1/index.html">
        Books
       </a>
       <ul>
        <li>
         <a href="category/books/travel_2/index.html">
          Travel
         </a>
        </li>
        <li>
         <a href="category/books/mystery_3/index.html">
          Mystery
         </a>
        </li>
        <li>
         <a href="category/books/historical-fiction_4/index.html">
```

```html
      Historical Fiction
 </a>
</li>
<li>
 <a href="category/books/sequential-art_5/index.html">
  Sequential Art
 </a>
</li>
<li>
 <a href="category/books/classics_6/index.html">
  Classics
 </a>
</li>
<li>
 <a href="category/books/philosophy_7/index.html">
  Philosophy
 </a>
</li>
<li>
 <a href="category/books/romance_8/index.html">
  Romance
 </a>
</li>
<li>
 <a href="category/books/womens-fiction_9/index.html">
  Womens Fiction
 </a>
</li>
<li>
 <a href="category/books/fiction_10/index.html">
  Fiction
 </a>
</li>
<li>
 <a href="category/books/childrens_11/index.html">
  Childrens
 </a>
</li>
<li>
 <a href="category/books/religion_12/index.html">
  Religion
 </a>
</li>
<li>
 <a href="category/books/nonfiction_13/index.html">
  Nonfiction
 </a>
</li>
<li>
```

```html
  <a href="category/books/music_14/index.html">
   Music
  </a>
</li>
<li>
  <a href="category/books/default_15/index.html">
   Default
  </a>
</li>
<li>
  <a href="category/books/science-fiction_16/index.html">
   Science Fiction
  </a>
</li>
<li>
  <a href="category/books/sports-and-games_17/index.html">
   Sports and Games
  </a>
</li>
<li>
  <a href="category/books/add-a-comment_18/index.html">
   Add a comment
  </a>
</li>
<li>
  <a href="category/books/fantasy_19/index.html">
   Fantasy
  </a>
</li>
<li>
  <a href="category/books/new-adult_20/index.html">
   New Adult
  </a>
</li>
<li>
  <a href="category/books/young-adult_21/index.html">
   Young Adult
  </a>
</li>
<li>
  <a href="category/books/science_22/index.html">
   Science
  </a>
</li>
<li>
  <a href="category/books/poetry_23/index.html">
   Poetry
  </a>
</li>
```

```html
<li>
 <a href="category/books/paranormal_24/index.html">
  Paranormal
 </a>
</li>
<li>
 <a href="category/books/art_25/index.html">
  Art
 </a>
</li>
<li>
 <a href="category/books/psychology_26/index.html">
  Psychology
 </a>
</li>
<li>
 <a href="category/books/autobiography_27/index.html">
  Autobiography
 </a>
</li>
<li>
 <a href="category/books/parenting_28/index.html">
  Parenting
 </a>
</li>
<li>
 <a href="category/books/adult-fiction_29/index.html">
  Adult Fiction
 </a>
</li>
<li>
 <a href="category/books/humor_30/index.html">
  Humor
 </a>
</li>
<li>
 <a href="category/books/horror_31/index.html">
  Horror
 </a>
</li>
<li>
 <a href="category/books/history_32/index.html">
  History
 </a>
</li>
<li>
 <a href="category/books/food-and-drink_33/index.html">
  Food and Drink
 </a>
```

```html
        </li>
        <li>
         <a href="category/books/christian-fiction_34/index.html">
          Christian Fiction
         </a>
        </li>
        <li>
         <a href="category/books/business_35/index.html">
          Business
         </a>
        </li>
        <li>
         <a href="category/books/biography_36/index.html">
          Biography
         </a>
        </li>
        <li>
         <a href="category/books/thriller_37/index.html">
          Thriller
         </a>
        </li>
        <li>
         <a href="category/books/contemporary_38/index.html">
          Contemporary
         </a>
        </li>
        <li>
         <a href="category/books/spirituality_39/index.html">
          Spirituality
         </a>
        </li>
        <li>
         <a href="category/books/academic_40/index.html">
          Academic
         </a>
        </li>
        <li>
         <a href="category/books/self-help_41/index.html">
          Self Help
         </a>
        </li>
        <li>
         <a href="category/books/historical_42/index.html">
          Historical
         </a>
        </li>
        <li>
         <a href="category/books/christian_43/index.html">
          Christian
```

```html
        </a>
      </li>
      <li>
       <a href="category/books/suspense_44/index.html">
        Suspense
       </a>
      </li>
      <li>
       <a href="category/books/short-stories_45/index.html">
        Short Stories
       </a>
      </li>
      <li>
       <a href="category/books/novels_46/index.html">
        Novels
       </a>
      </li>
      <li>
       <a href="category/books/health_47/index.html">
        Health
       </a>
      </li>
      <li>
       <a href="category/books/politics_48/index.html">
        Politics
       </a>
      </li>
      <li>
       <a href="category/books/cultural_49/index.html">
        Cultural
       </a>
      </li>
      <li>
       <a href="category/books/erotica_50/index.html">
        Erotica
       </a>
      </li>
      <li>
       <a href="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">
```

```html
      <h1>
       All products
      </h1>
     </div>
     <div id="messages">
     </div>
     <div id="promotions">
     </div>
     <form class="form-horizontal" method="get">
      <div style="display:none">
      </div>
      <strong>
       1000
      </strong>
      results - showing
      <strong>
       1
      </strong>
      to
      <strong>
       20
      </strong>
      .
     </form>
     <section>
      <div class="alert alert-warning" role="alert">
       <strong>
        Warning!
       </strong>
       This is a demo website for web scraping purposes. Prices and
ratings here were randomly assigned and have no real meaning.
      </div>
      <div>
       <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="a-light-in-the-attic_1000/index.html">
            <img alt="A Light in the Attic" class="thumbnail"
src="../media/cache/2c/da/2cdad67c44b002e7ead0cc35693c0e8b.jpg"/>
           </a>
          </div>
          <p class="star-rating Three">
           <i class="icon-star">
           </i>
           <i class="icon-star">
           </i>
           <i class="icon-star">
           </i>
```

```html
          <i class="icon-star">
          </i>
          <i class="icon-star">
          </i>
         </p>
         <h3>
          <a href="a-light-in-the-attic_1000/index.html" title="A
Light in the Attic">
           A Light in the ...
          </a>
         </h3>
          <div class="product_price">
           <p class="price_color">
           Â£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>
        <li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">
         <article class="product_pod">
          <div class="image_container">
           <a href="tipping-the-velvet_999/index.html">
            <img alt="Tipping the Velvet" class="thumbnail"
src="../media/cache/26/0c/260c6ae16bce31c8f8c95daddd9f4a1c.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>
```

```html
        <h3>
         <a href="tipping-the-velvet_999/index.html" title="Tipping
the Velvet">
          Tipping the Velvet
         </a>
        </h3>
        <div class="product_price">
         <p class="price_color">
          Â£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>
      <li class="col-xs-6 col-sm-4 col-md-3 col-lg-3">
       <article class="product_pod">
        <div class="image_container">
         <a href="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>
        </p>
        <h3>
         <a href="soumission_998/index.html" title="Soumission">
          Soumission
         </a>
        </h3>
```

```html
            <div class="product_price">
             <p class="price_color">
              Â£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="sharp-objects_997/index.html">
              <img alt="Sharp Objects" class="thumbnail"
src="../media/cache/32/51/3251cf3a3412f53f339e42cac2134093.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="sharp-objects_997/index.html" title="Sharp
Objects">
              Sharp Objects
             </a>
            </h3>
            <div class="product_price">
             <p class="price_color">
              Â£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="sapiens-a-brief-history-of-humankind_996/index.html">
             <img alt="Sapiens: A Brief History of Humankind"
class="thumbnail"
src="../media/cache/be/a5/bea5697f2534a2f86a3ef27b5a8c12a6.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>
           </p>
           <h3>
            <a
href="sapiens-a-brief-history-of-humankind_996/index.html"
title="Sapiens: A Brief History of Humankind">
             Sapiens: A Brief History ...
            </a>
           </h3>
           <div class="product_price">
            <p class="price_color">
             £54.23
            </p>
            <p class="instock availability">
             <i class="icon-ok">
             </i>
             In stock
```

```html
            </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-requiem-red_995/index.html">
             <img alt="The Requiem Red" class="thumbnail"
src="../media/cache/68/33/68339b4c9bc034267e1da611ab3b34f8.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="the-requiem-red_995/index.html" title="The
Requiem Red">
             The Requiem Red
            </a>
           </h3>
           <div class="product_price">
            <p class="price_color">
             Â£22.65
            </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-dirty-little-secrets-of-getting-your-dream-
job_994/index.html">
        <img alt="The Dirty Little Secrets of Getting Your Dream
Job" class="thumbnail"
src="../media/cache/92/27/92274a95b7c251fea59a2b8a78275ab4.jpg"/>
       </a>
      </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-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">
        Â£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>
```

```html
          </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-coming-woman-a-novel-based-on-the-life-of-
the-infamous-feminist-victoria-woodhull_993/index.html">
            <img alt="The Coming Woman: A Novel Based on the Life of
the Infamous Feminist, Victoria Woodhull" class="thumbnail"
src="../media/cache/3d/54/3d54940e57e662c4dd1f3ff00c78cc64.jpg"/>
           </a>
          </div>
          <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="the-coming-woman-a-novel-based-on-the-life-of-
the-infamous-feminist-victoria-woodhull_993/index.html" title="The
Coming Woman: A Novel Based on the Life of the Infamous Feminist,
Victoria Woodhull">
            The Coming Woman: A ...
           </a>
          </h3>
          <div class="product_price">
           <p class="price_color">
            Â£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>
```

```html
            </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-boys-in-the-boat-nine-americans-and-their-
epic-quest-for-gold-at-the-1936-berlin-olympics_992/index.html">
              <img alt="The Boys in the Boat: Nine Americans and Their
Epic Quest for Gold at the 1936 Berlin Olympics" class="thumbnail"
src="../media/cache/66/88/66883b91f6804b2323c8369331cb7dd1.jpg"/>
             </a>
            </div>
            <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-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">
              Â£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>
```

```html
          </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-black-maria_991/index.html">
              <img alt="The Black Maria" class="thumbnail"
src="../media/cache/58/46/5846057e28022268153beff6d352b06c.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="the-black-maria_991/index.html" title="The Black
Maria">
              The Black Maria
             </a>
            </h3>
            <div class="product_price">
             <p class="price_color">
              Â£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
```

```html
href="starving-hearts-triangular-trade-trilogy-1_990/index.html">
            <img alt="Starving Hearts (Triangular Trade Trilogy, #1)"
class="thumbnail"
src="../media/cache/be/f4/bef44da28c98f905a3ebec0b87be8530.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>
        </p>
        <h3>
         <a
href="starving-hearts-triangular-trade-trilogy-1_990/index.html"
title="Starving Hearts (Triangular Trade Trilogy, #1)">
          Starving Hearts (Triangular Trade ...
         </a>
        </h3>
        <div class="product_price">
         <p class="price_color">
          Â£13.99
         </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="shakespeares-sonnets_989/index.html">
          <img alt="Shakespeare's Sonnets" class="thumbnail"
src="../media/cache/10/48/1048f63d3b5061cd2f424d20b3f9b666.jpg"/>
```

```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="shakespeares-sonnets_989/index.html"
title="Shakespeare's Sonnets">
         Shakespeare's Sonnets
        </a>
       </h3>
       <div class="product_price">
        <p class="price_color">
         Â£20.66
        </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="set-me-free_988/index.html">
         <img alt="Set Me Free" class="thumbnail"
src="../media/cache/5b/88/5b88c52633f53cacf162c15f4f823153.jpg"/>
        </a>
       </div>
       <p class="star-rating Five">
        <i class="icon-star">
        </i>
```

```html
          <i class="icon-star">
          </i>
          <i class="icon-star">
          </i>
          <i class="icon-star">
          </i>
          <i class="icon-star">
          </i>
         </p>
         <h3>
          <a href="set-me-free_988/index.html" title="Set Me Free">
           Set Me Free
          </a>
         </h3>
         <div class="product_price">
          <p class="price_color">
           Â£17.46
          </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="scott-pilgrims-precious-little-life-scott-
pilgrim-1_987/index.html">
           <img alt="Scott Pilgrim's Precious Little Life (Scott
Pilgrim #1)" class="thumbnail"
src="../media/cache/94/b1/94b1b8b244bce9677c2f29ccc890d4d2.jpg"/>
          </a>
         </div>
         <p class="star-rating Five">
          <i class="icon-star">
          </i>
          <i class="icon-star">
          </i>
          <i class="icon-star">
          </i>
```

```html
        <i class="icon-star">
        </i>
        <i class="icon-star">
        </i>
       </p>
       <h3>
        <a href="scott-pilgrims-precious-little-life-scott-
pilgrim-1_987/index.html" title="Scott Pilgrim's Precious Little Life
(Scott Pilgrim #1)">
         Scott Pilgrim's Precious Little ...
        </a>
       </h3>
       <div class="product_price">
        <p class="price_color">
         Â£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="rip-it-up-and-start-again_986/index.html">
         <img alt="Rip it Up and Start Again" class="thumbnail"
src="../media/cache/81/c4/81c4a973364e17d01f217e1188253d5e.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>
```

```html
          </p>
          <h3>
           <a href="rip-it-up-and-start-again_986/index.html"
title="Rip it Up and Start Again">
            Rip it Up and ...
           </a>
          </h3>
          <div class="product_price">
           <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="our-band-could-be-your-life-scenes-from-the-
american-indie-underground-1981-1991_985/index.html">
            <img alt="Our Band Could Be Your Life: Scenes from the
American Indie Underground, 1981-1991" class="thumbnail"
src="../media/cache/54/60/54607fe8945897cdcced0044103b10b6.jpg"/>
           </a>
          </div>
          <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="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">
              Â£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="olio_984/index.html">
              <img alt="Olio" class="thumbnail"
src="../media/cache/55/33/553310a7162dfbc2c6d19a84da0df9e1.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="olio_984/index.html" title="Olio">
              Olio
             </a>
            </h3>
            <div class="product_price">
```

```html
                <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="mesaerion-the-best-science-fiction-stories-1800-
1849_983/index.html">
                 <img alt="Mesaerion: The Best Science Fiction Stories
1800-1849" class="thumbnail"
src="../media/cache/09/a3/09a3aef48557576e1a85ba7efea8ecb7.jpg"/>
                </a>
               </div>
               <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="mesaerion-the-best-science-fiction-stories-1800-
1849_983/index.html" title="Mesaerion: The Best Science Fiction
Stories 1800-1849">
                 Mesaerion: The Best Science ...
                </a>
               </h3>
               <div class="product_price">
                <p class="price_color">
                 £37.59
```

```html
          </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="libertarianism-for-beginners_982/index.html">
           <img alt="Libertarianism for Beginners" class="thumbnail"
src="../media/cache/0b/bc/0bbcd0a6f4bcd81ccb1049a52736406e.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>
         </p>
         <h3>
          <a href="libertarianism-for-beginners_982/index.html"
title="Libertarianism for Beginners">
           Libertarianism for Beginners
          </a>
         </h3>
         <div class="product_price">
          <p class="price_color">
           Â£51.33
          </p>
          <p class="instock availability">
           <i class="icon-ok">
           </i>
           In stock
```

```html
            </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="its-only-the-himalayas_981/index.html">
             <img alt="It's Only the Himalayas" class="thumbnail"
src="../media/cache/27/a5/27a53d0bb95bdd88288eaf66c9230d7e.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>
           </p>
           <h3>
            <a href="its-only-the-himalayas_981/index.html"
title="It's Only the Himalayas">
             It's Only the Himalayas
            </a>
           </h3>
           <div class="product_price">
            <p class="price_color">
             Â£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
```

```html
            </button>
          </form>
        </div>
      </article>
     </li>
   </ol>
   <div>
    <ul class="pager">
     <li class="current">
      Page 1 of 50
     </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/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-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>
```

```python
soup.select('article')
```

```
[<article class="product_pod">
 <div class="image_container">
 <a href="a-light-in-the-attic_1000/index.html"><img alt="A Light in
the Attic" class="thumbnail"
src="../media/cache/2c/da/2cdad67c44b002e7ead0cc35693c0e8b.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="a-light-in-the-attic_1000/index.html" title="A Light in
the Attic">A Light in the ...</a></h3>
 <div class="product_price">
 <p class="price_color">Â£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>,
```

```html
<article class="product_pod">
<div class="image_container">
<a href="tipping-the-velvet_999/index.html"><img alt="Tipping the
Velvet" class="thumbnail"
src="../media/cache/26/0c/260c6ae16bce31c8f8c95daddd9f4a1c.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="tipping-the-velvet_999/index.html" title="Tipping the
Velvet">Tipping the Velvet</a></h3>
<div class="product_price">
<p class="price_color">Â£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>,
<article class="product_pod">
<div class="image_container">
<a href="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>
</p>
<h3><a href="soumission_998/index.html"
title="Soumission">Soumission</a></h3>
<div class="product_price">
<p class="price_color">Â£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>,
<article class="product_pod">
<div class="image_container">
<a href="sharp-objects_997/index.html"><img alt="Sharp Objects"
class="thumbnail"
src="../media/cache/32/51/3251cf3a3412f53f339e42cac2134093.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="sharp-objects_997/index.html" title="Sharp
Objects">Sharp Objects</a></h3>
<div class="product_price">
<p class="price_color">Â£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>,
<article class="product_pod">
<div class="image_container">
<a href="sapiens-a-brief-history-of-humankind_996/index.html"><img
alt="Sapiens: A Brief History of Humankind" class="thumbnail"
src="../media/cache/be/a5/bea5697f2534a2f86a3ef27b5a8c12a6.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>
 </p>
 <h3><a href="sapiens-a-brief-history-of-humankind_996/index.html"
title="Sapiens: A Brief History of Humankind">Sapiens: A Brief History
...</a></h3>
 <div class="product_price">
 <p class="price_color">Â£54.23</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>,
 <article class="product_pod">
 <div class="image_container">
 <a href="the-requiem-red_995/index.html"><img alt="The Requiem Red"
class="thumbnail"
src="../media/cache/68/33/68339b4c9bc034267e1da611ab3b34f8.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="the-requiem-red_995/index.html" title="The Requiem
Red">The Requiem Red</a></h3>
 <div class="product_price">
 <p class="price_color">Â£22.65</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>,
 <article class="product_pod">
```

```
<div class="image_container">
<a
href="the-dirty-little-secrets-of-getting-your-dream-job_994/index.htm
l"><img alt="The Dirty Little Secrets of Getting Your Dream Job"
class="thumbnail"
src="../media/cache/92/27/92274a95b7c251fea59a2b8a78275ab4.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="the-dirty-little-secrets-of-getting-your-dream-job_994/index.htm
l" title="The Dirty Little Secrets of Getting Your Dream Job">The
Dirty Little Secrets ...</a></h3>
<div class="product_price">
<p class="price_color">Â£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>,
<article class="product_pod">
<div class="image_container">
<a href="the-coming-woman-a-novel-based-on-the-life-of-the-infamous-
feminist-victoria-woodhull_993/index.html"><img alt="The Coming Woman:
A Novel Based on the Life of the Infamous Feminist, Victoria Woodhull"
class="thumbnail"
src="../media/cache/3d/54/3d54940e57e662c4dd1f3ff00c78cc64.jpg"/></a>
</div>
<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="the-coming-woman-a-novel-based-on-the-life-of-the-
infamous-feminist-victoria-woodhull_993/index.html" title="The Coming
```

```
Woman: A Novel Based on the Life of the Infamous Feminist, Victoria
Woodhull">The Coming Woman: A ...</a></h3>
 <div class="product_price">
 <p class="price_color">Â£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>,
 <article class="product_pod">
 <div class="image_container">
 <a href="the-boys-in-the-boat-nine-americans-and-their-epic-quest-
for-gold-at-the-1936-berlin-olympics_992/index.html"><img alt="The
Boys in the Boat: Nine Americans and Their Epic Quest for Gold at the
1936 Berlin Olympics" class="thumbnail"
src="../media/cache/66/88/66883b91f6804b2323c8369331cb7dd1.jpg"/></a>
 </div>
 <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-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">Â£22.60</p>
 <p class="instock availability">
 <i class="icon-ok"></i>

          In stock

 </p>
 <form>
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text="Adding..." type="submit">Add to basket</button>
 </form>
 </div>
 </article>,
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```html
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 <a href="the-black-maria_991/index.html"><img alt="The Black Maria"
class="thumbnail"
src="../media/cache/58/46/5846057e28022268153beff6d352b06c.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="the-black-maria_991/index.html" title="The Black
Maria">The Black Maria</a></h3>
 <div class="product_price">
 <p class="price_color">Â£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>,
 <article class="product_pod">
 <div class="image_container">
 <a
href="starving-hearts-triangular-trade-trilogy-1_990/index.html"><img
alt="Starving Hearts (Triangular Trade Trilogy, #1)" class="thumbnail"
src="../media/cache/be/f4/bef44da28c98f905a3ebec0b87be8530.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>
 </p>
 <h3><a
href="starving-hearts-triangular-trade-trilogy-1_990/index.html"
title="Starving Hearts (Triangular Trade Trilogy, #1)">Starving Hearts
(Triangular Trade ...</a></h3>
 <div class="product_price">
 <p class="price_color">Â£13.99</p>
```

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

            In stock

 </p>
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text="Adding..." type="submit">Add to basket</button>
 </form>
 </div>
 </article>,
 <article class="product_pod">
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Sonnets" class="thumbnail"
src="../media/cache/10/48/1048f63d3b5061cd2f424d20b3f9b666.jpg"/></a>
 </div>
 <p class="star-rating Four">
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 <i class="icon-star"></i>
 <i class="icon-star"></i>
 <i class="icon-star"></i>
 </p>
 <h3><a href="shakespeares-sonnets_989/index.html"
title="Shakespeare's Sonnets">Shakespeare's Sonnets</a></h3>
 <div class="product_price">
 <p class="price_color">Â£20.66</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>,
 <article class="product_pod">
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 <a href="set-me-free_988/index.html"><img alt="Set Me Free"
class="thumbnail"
src="../media/cache/5b/88/5b88c52633f53cacf162c15f4f823153.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>
</p>
<h3><a href="set-me-free_988/index.html" title="Set Me Free">Set Me
Free</a></h3>
<div class="product_price">
<p class="price_color">Â£17.46</p>
<p class="instock availability">
<i class="icon-ok"></i>

        In stock

</p>
<form>
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text="Adding..." type="submit">Add to basket</button>
</form>
</div>
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<article class="product_pod">
<div class="image_container">
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href="scott-pilgrims-precious-little-life-scott-pilgrim-1_987/index.ht
ml"><img alt="Scott Pilgrim's Precious Little Life (Scott Pilgrim #1)"
class="thumbnail"
src="../media/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>
</p>
<h3><a href="scott-pilgrims-precious-little-life-scott-pilgrim-
1_987/index.html" title="Scott Pilgrim's Precious Little Life (Scott
Pilgrim #1)">Scott Pilgrim's Precious Little ...</a></h3>
<div class="product_price">
<p class="price_color">Â£52.29</p>
<p class="instock availability">
<i class="icon-ok"></i>

        In stock

</p>
<form>
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```
text="Adding..." type="submit">Add to basket</button>
 </form>
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 <div class="image_container">
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Up and Start Again" class="thumbnail"
src="../media/cache/81/c4/81c4a973364e17d01f217e1188253d5e.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>
 </p>
 <h3><a href="rip-it-up-and-start-again_986/index.html" title="Rip it
Up and Start Again">Rip it Up and ...</a></h3>
 <div class="product_price">
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 <p class="instock availability">
 <i class="icon-ok"></i>

            In stock

 </p>
 <form>
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text="Adding..." type="submit">Add to basket</button>
 </form>
 </div>
 </article>,
 <article class="product_pod">
 <div class="image_container">
 <a href="our-band-could-be-your-life-scenes-from-the-american-indie-
underground-1981-1991_985/index.html"><img alt="Our Band Could Be Your
Life: Scenes from the American Indie Underground, 1981-1991"
class="thumbnail"
src="../media/cache/54/60/54607fe8945897cdcced0044103b10b6.jpg"/></a>
 </div>
 <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="our-band-could-be-your-life-scenes-from-the-american-
```

```html
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">Â£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>,
 <article class="product_pod">
 <div class="image_container">
 <a href="olio_984/index.html"><img alt="Olio" class="thumbnail"
src="../media/cache/55/33/553310a7162dfbc2c6d19a84da0df9e1.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="olio_984/index.html" title="Olio">Olio</a></h3>
 <div class="product_price">
 <p class="price_color">Â£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>,
 <article class="product_pod">
 <div class="image_container">
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href="mesaerion-the-best-science-fiction-stories-1800-1849_983/index.h
tml"><img alt="Mesaerion: The Best Science Fiction Stories 1800-1849"
class="thumbnail"
```

```
src="../media/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="mesaerion-the-best-science-fiction-stories-1800-
1849_983/index.html" title="Mesaerion: The Best Science Fiction
Stories 1800-1849">Mesaerion: The Best Science ...</a></h3>
 <div class="product_price">
 <p class="price_color">Â£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>,
 <article class="product_pod">
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 <a href="libertarianism-for-beginners_982/index.html"><img
alt="Libertarianism for Beginners" class="thumbnail"
src="../media/cache/0b/bc/0bbcd0a6f4bcd81ccb1049a52736406e.jpg"/></a>
 </div>
 <p class="star-rating Two">
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 <i class="icon-star"></i>
 <i class="icon-star"></i>
 <i class="icon-star"></i>
 </p>
 <h3><a href="libertarianism-for-beginners_982/index.html"
title="Libertarianism for Beginners">Libertarianism for
Beginners</a></h3>
 <div class="product_price">
 <p class="price_color">Â£51.33</p>
 <p class="instock availability">
 <i class="icon-ok"></i>

            In stock
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```
</p>
<form>
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text="Adding..." type="submit">Add to basket</button>
</form>
</div>
</article>,
<article class="product_pod">
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<a href="its-only-the-himalayas_981/index.html"><img alt="It's Only
the Himalayas" class="thumbnail"
src="../media/cache/27/a5/27a53d0bb95bdd88288eaf66c9230d7e.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>
</p>
<h3><a href="its-only-the-himalayas_981/index.html" title="It's Only
the Himalayas">It's Only the Himalayas</a></h3>
<div class="product_price">
<p class="price_color">Â£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>]
```

```python
soup.select('article h3 a')
```

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[<a href="a-light-in-the-attic_1000/index.html" title="A Light in the
Attic">A Light in the ...</a>,
 <a href="tipping-the-velvet_999/index.html" title="Tipping the
Velvet">Tipping the Velvet</a>,
 <a href="soumission_998/index.html"
title="Soumission">Soumission</a>,
 <a href="sharp-objects_997/index.html" title="Sharp Objects">Sharp
Objects</a>,
 <a href="sapiens-a-brief-history-of-humankind_996/index.html"
title="Sapiens: A Brief History of Humankind">Sapiens: A Brief History
...</a>,
```

```
  <a href="the-requiem-red_995/index.html" title="The Requiem Red">The
Requiem Red</a>,
  <a
href="the-dirty-little-secrets-of-getting-your-dream-job_994/index.htm
l" title="The Dirty Little Secrets of Getting Your Dream Job">The
Dirty Little Secrets ...</a>,
  <a href="the-coming-woman-a-novel-based-on-the-life-of-the-infamous-
feminist-victoria-woodhull_993/index.html" title="The Coming Woman: A
Novel Based on the Life of the Infamous Feminist, Victoria
Woodhull">The Coming Woman: A ...</a>,
  <a href="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>,
  <a href="the-black-maria_991/index.html" title="The Black Maria">The
Black Maria</a>,
  <a href="starving-hearts-triangular-trade-trilogy-1_990/index.html"
title="Starving Hearts (Triangular Trade Trilogy, #1)">Starving Hearts
(Triangular Trade ...</a>,
  <a href="shakespeares-sonnets_989/index.html" title="Shakespeare's
Sonnets">Shakespeare's Sonnets</a>,
  <a href="set-me-free_988/index.html" title="Set Me Free">Set Me
Free</a>,
  <a
href="scott-pilgrims-precious-little-life-scott-pilgrim-1_987/index.ht
ml" title="Scott Pilgrim's Precious Little Life (Scott Pilgrim
#1)">Scott Pilgrim's Precious Little ...</a>,
  <a href="rip-it-up-and-start-again_986/index.html" title="Rip it Up
and Start Again">Rip it Up and ...</a>,
  <a href="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>,
  <a href="olio_984/index.html" title="Olio">Olio</a>,
  <a
href="mesaerion-the-best-science-fiction-stories-1800-1849_983/index.h
tml" title="Mesaerion: The Best Science Fiction Stories 1800-
1849">Mesaerion: The Best Science ...</a>,
  <a href="libertarianism-for-beginners_982/index.html"
title="Libertarianism for Beginners">Libertarianism for Beginners</a>,
  <a href="its-only-the-himalayas_981/index.html" title="It's Only the
Himalayas">It's Only the Himalayas</a>]
```

```python
len(soup.select('article h3 a'))
```

```
20
```

```python
soup.select('article h3 a')
```

```
[<a href="a-light-in-the-attic_1000/index.html" title="A Light in the
Attic">A Light in the ...</a>,
 <a href="tipping-the-velvet_999/index.html" title="Tipping the
Velvet">Tipping the Velvet</a>,
 <a href="soumission_998/index.html"
title="Soumission">Soumission</a>,
 <a href="sharp-objects_997/index.html" title="Sharp Objects">Sharp
Objects</a>,
 <a href="sapiens-a-brief-history-of-humankind_996/index.html"
title="Sapiens: A Brief History of Humankind">Sapiens: A Brief History
...</a>,
 <a href="the-requiem-red_995/index.html" title="The Requiem Red">The
Requiem Red</a>,
 <a
href="the-dirty-little-secrets-of-getting-your-dream-job_994/index.htm
l" title="The Dirty Little Secrets of Getting Your Dream Job">The
Dirty Little Secrets ...</a>,
 <a href="the-coming-woman-a-novel-based-on-the-life-of-the-infamous-
feminist-victoria-woodhull_993/index.html" title="The Coming Woman: A
Novel Based on the Life of the Infamous Feminist, Victoria
Woodhull">The Coming Woman: A ...</a>,
 <a href="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>,
 <a href="the-black-maria_991/index.html" title="The Black Maria">The
Black Maria</a>,
 <a href="starving-hearts-triangular-trade-trilogy-1_990/index.html"
title="Starving Hearts (Triangular Trade Trilogy, #1)">Starving Hearts
(Triangular Trade ...</a>,
 <a href="shakespeares-sonnets_989/index.html" title="Shakespeare's
Sonnets">Shakespeare's Sonnets</a>,
 <a href="set-me-free_988/index.html" title="Set Me Free">Set Me
Free</a>,
 <a
href="scott-pilgrims-precious-little-life-scott-pilgrim-1_987/index.ht
ml" title="Scott Pilgrim's Precious Little Life (Scott Pilgrim
#1)">Scott Pilgrim's Precious Little ...</a>,
 <a href="rip-it-up-and-start-again_986/index.html" title="Rip it Up
and Start Again">Rip it Up and ...</a>,
 <a href="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>,
 <a href="olio_984/index.html" title="Olio">Olio</a>,
 <a
href="mesaerion-the-best-science-fiction-stories-1800-1849_983/index.h
tml" title="Mesaerion: The Best Science Fiction Stories 1800-
1849">Mesaerion: The Best Science ...</a>,
 <a href="libertarianism-for-beginners_982/index.html"
```

```
title="Libertarianism for Beginners">Libertarianism for Beginners</a>,
 <a href="its-only-the-himalayas_981/index.html" title="It's Only the
Himalayas">It's Only the Himalayas</a>]
```

soup.select('article h3 a')[0]

```
<a href="a-light-in-the-attic_1000/index.html" title="A Light in the
Attic">A Light in the ...</a>
```

soup.select('article h3 a')[0]['title']

'A Light in the Attic'

soup.select('article p')

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

        In stock

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

        In stock

 </p>,
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 <i class="icon-star"></i>
 <i class="icon-star"></i>
 <i class="icon-star"></i>
 </p>,
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```

```
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<i class="icon-ok"></i>

        In stock

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<i class="icon-star"></i>
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<i class="icon-ok"></i>

        In stock

</p>,
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<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
</p>,
<p class="price_color">Â£54.23</p>,
<p class="instock availability">
<i class="icon-ok"></i>

        In stock

</p>,
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<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
</p>,
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<i class="icon-ok"></i>

        In stock

</p>,
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```

```
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<i class="icon-star"></i>
<i class="icon-star"></i>
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<i class="icon-ok"></i>

        In stock

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

        In stock

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

        In stock

</p>,
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<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
</p>,
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```

```
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        In stock

</p>,
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<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
</p>,
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<i class="icon-ok"></i>

        In stock

</p>,
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<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
</p>,
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<i class="icon-ok"></i>

        In stock

</p>,
<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>,
<p class="price_color">Â£17.46</p>,
<p class="instock availability">
<i class="icon-ok"></i>

        In stock

</p>,
<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>,
<p class="price_color">Â£52.29</p>,
<p class="instock availability">
<i class="icon-ok"></i>

        In stock

</p>,
<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>,
<p class="price_color">Â£35.02</p>,
<p class="instock availability">
<i class="icon-ok"></i>

        In stock

</p>,
<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>,
<p class="price_color">Â£57.25</p>,
<p class="instock availability">
<i class="icon-ok"></i>

        In stock

</p>,
<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>,
<p class="price_color">Â£23.88</p>,
```

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

        In stock

</p>,
<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>,
<p class="price_color">Â£37.59</p>,
<p class="instock availability">
<i class="icon-ok"></i>

        In stock

</p>,
<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>,
<p class="price_color">Â£51.33</p>,
<p class="instock availability">
<i class="icon-ok"></i>

        In stock

</p>,
<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>,
<p class="price_color">Â£45.17</p>,
<p class="instock availability">
<i class="icon-ok"></i>

        In stock

</p>]

soup.select('article p')[0]
```

```
<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>

soup.select('article p')[0]['class']

['star-rating', 'Three']

soup.select('article p')[1]

<p class="price_color">Â£51.77</p>

soup.select('article p')[1]

<p class="price_color">Â£51.77</p>

soup.select('article p')[1].string

'Â£51.77'

soup.select('article p')[1].string.replace('Â£','')

'51.77'

title_list = []
rating_list = []
price_list = []

for pg_num in range(1, 51):
    url = f'https://books.toscrape.com/catalogue/page-{pg_num}.html'
    req = requests.get(url)

    # Parse the page using BeautifulSoup
    soup_pg = BeautifulSoup(req.text, 'html.parser')

    # Extract book titles
    for item in soup_pg.select('article h3 a'):
        title_list.append(item['title'])

    # Extract book ratings
    for n in range(0, len(soup_pg.select('article p')), 3):
        rating_list.append(soup_pg.select('article p')[n]['class'][1])

    # Extract book prices
    for n in range(1, len(soup_pg.select('article p')), 3):
        price_list.append(soup_pg.select('article p')
[n].string.replace('Â£', '£'))
```

```python
# Print results
print(title_list[:5])  # First 5 titles
print(rating_list[:5]) # First 5 ratings
print(price_list[:5])  # First 5 prices
```

```
['A Light in the Attic', 'Tipping the Velvet', 'Soumission', 'Sharp
Objects', 'Sapiens: A Brief History of Humankind']
['Three', 'One', 'One', 'Four', 'Five']
['£51.77', '£53.74', '£50.10', '£47.82', '£54.23']
```

```python
# price_list
print(title_list[:5])  # First 5 titles
print(rating_list[:5]) # First 5 ratings
print(price_list[:5])  # First 5 prices
```

```
['A Light in the Attic', 'Tipping the Velvet', 'Soumission', 'Sharp
Objects', 'Sapiens: A Brief History of Humankind']
['Three', 'One', 'One', 'Four', 'Five']
['£51.77', '£53.74', '£50.10', '£47.82', '£54.23']
```

```python
dic = dict(zip(title_list,zip(rating_list, price_list)))
df = pd.DataFrame.from_dict(dic, orient='index')
df
```

	0	1
A Light in the Attic	Three	£51.77
Tipping the Velvet	One	£53.74
Soumission	One	£50.10
Sharp Objects	Four	£47.82
Sapiens: A Brief History of Humankind	Five	£54.23
...	...	...
Alice in Wonderland (Alice's Adventures in Wond...	One	£55.53
Ajin: Demi-Human, Volume 1 (Ajin: Demi-Human #1)	Four	£57.06
A Spy's Devotion (The Regency Spies of London #1)	Five	£16.97
1st to Die (Women's Murder Club #1)	One	£53.98
1,000 Places to See Before You Die	Five	£26.08

```
[999 rows x 2 columns]
```

```python
# we already know the url
soup.select('article h3 a')
```

```
[<a href="a-light-in-the-attic_1000/index.html" title="A Light in the
Attic">A Light in the ...</a>,
 <a href="tipping-the-velvet_999/index.html" title="Tipping the
Velvet">Tipping the Velvet</a>,
 <a href="soumission_998/index.html"
title="Soumission">Soumission</a>,
 <a href="sharp-objects_997/index.html" title="Sharp Objects">Sharp
Objects</a>,
 <a href="sapiens-a-brief-history-of-humankind_996/index.html"
```

```
 title="Sapiens: A Brief History of Humankind">Sapiens: A Brief History
...</a>,
 <a href="the-requiem-red_995/index.html" title="The Requiem Red">The
Requiem Red</a>,
 <a
href="the-dirty-little-secrets-of-getting-your-dream-job_994/index.htm
l" title="The Dirty Little Secrets of Getting Your Dream Job">The
Dirty Little Secrets ...</a>,
 <a href="the-coming-woman-a-novel-based-on-the-life-of-the-infamous-
feminist-victoria-woodhull_993/index.html" title="The Coming Woman: A
Novel Based on the Life of the Infamous Feminist, Victoria
Woodhull">The Coming Woman: A ...</a>,
 <a href="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>,
 <a href="the-black-maria_991/index.html" title="The Black Maria">The
Black Maria</a>,
 <a href="starving-hearts-triangular-trade-trilogy-1_990/index.html"
title="Starving Hearts (Triangular Trade Trilogy, #1)">Starving Hearts
(Triangular Trade ...</a>,
 <a href="shakespeares-sonnets_989/index.html" title="Shakespeare's
Sonnets">Shakespeare's Sonnets</a>,
 <a href="set-me-free_988/index.html" title="Set Me Free">Set Me
Free</a>,
 <a
href="scott-pilgrims-precious-little-life-scott-pilgrim-1_987/index.ht
ml" title="Scott Pilgrim's Precious Little Life (Scott Pilgrim
#1)">Scott Pilgrim's Precious Little ...</a>,
 <a href="rip-it-up-and-start-again_986/index.html" title="Rip it Up
and Start Again">Rip it Up and ...</a>,
 <a href="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>,
 <a href="olio_984/index.html" title="Olio">Olio</a>,
 <a
href="mesaerion-the-best-science-fiction-stories-1800-1849_983/index.h
tml" title="Mesaerion: The Best Science Fiction Stories 1800-
1849">Mesaerion: The Best Science ...</a>,
 <a href="libertarianism-for-beginners_982/index.html"
title="Libertarianism for Beginners">Libertarianism for Beginners</a>,
 <a href="its-only-the-himalayas_981/index.html" title="It's Only the
Himalayas">It's Only the Himalayas</a>]

nreq= requests.get('https://books.toscrape.com/catalogue/in-her-
wake_980/index.html')

nsoup = BeautifulSoup(nreq.text, "html.parser")
print(nsoup.prettify())
```

```html
<!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>
   In Her Wake | Books to Scrape - Sandbox
  </title>
  <meta content="text/html; charset=utf-8" http-equiv="content-type"/>
  <meta content="24th Jun 2016 09:30" name="created"/>
  <meta content="
    A perfect life â¦ until she discovered it wasnâ(t her own.A tragic
family event reveals devastating news that rips apart Bellaâ(s
comfortable existence. Embarking on a personal journey to uncover the
truth, she faces a series of traumatic discoveries that take her to
the ruggedly beautiful Cornish coast, where hidden truths, past
betrayals and a 25-year-old mystery threaten n A perfect life â¦
until she discovered it wasnâ(t her own.A tragic family event reveals
devastating news that rips apart Bellaâ(s comfortable existence.
Embarking on a personal journey to uncover the truth, she faces a
series of traumatic discoveries that take her to the ruggedly
beautiful Cornish coast, where hidden truths, past betrayals and a 25-
year-old mystery threaten not just her identity, but also her
life.Chilling, complex and profoundly moving, In Her Wake is a
gripping psychological thriller that questions the nature of family â(
and reminds us that sometimes the most shocking crimes are committed
closest to home. ...more
" 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/css"/>
 </head>
```

```html
<body class="default" id="default">
 <header class="header container-fluid">
  <div class="page_inner">
   <div class="row">
    <div class="col-sm-8 h1">
     <a href="../../index.html">
      Books to Scrape
     </a>
     <small>
      We love being scraped!
     </small>
    </div>
   </div>
  </div>
 </header>
 <div class="container-fluid page">
  <div class="page_inner">
   <ul class="breadcrumb">
    <li>
     <a href="../../index.html">
      Home
     </a>
    </li>
    <li>
     <a href="../category/books_1/index.html">
      Books
     </a>
    </li>
    <li>
     <a href="../category/books/thriller_37/index.html">
      Thriller
     </a>
    </li>
    <li class="active">
     In Her Wake
    </li>
   </ul>
   <div id="messages">
   </div>
   <div class="content">
    <div id="promotions">
    </div>
    <div id="content_inner">
     <article class="product_page">
      <!-- Start of product page -->
      <div class="row">
       <div class="col-sm-6">
        <div class="carousel" id="product_gallery">
         <div class="thumbnail">
          <div class="carousel-inner">
```

```html
          <div class="item active">
           <img alt="In Her Wake"
src="../../media/cache/27/92/2792ef951651ff1eae40a410cac41e0f.jpg"/>
          </div>
         </div>
        </div>
       </div>
       <div class="col-sm-6 product_main">
        <h1>
         In Her Wake
        </h1>
        <p class="price_color">
         Â£12.84
        </p>
        <p class="instock availability">
         <i class="icon-ok">
         </i>
         In stock (19 available)
        </p>
        <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>
         <!-- <small><a href="/catalogue/in-her-wake_980/reviews/">


                    0 customer reviews


        </a></small>
          -->
          <!--
    <a id="write_review"
href="/catalogue/in-her-wake_980/reviews/add/#addreview" class="btn
btn-success btn-sm">
        Write a review
    </a>

 -->
        </p>
        <hr/>
        <div class="alert alert-warning" role="alert">
         <strong>
```

```
      Warning!
      </strong>
      This is a demo website for web scraping purposes. Prices and
ratings here were randomly assigned and have no real meaning.
    </div>
   </div>
   <!-- /col-sm-6 -->
  </div>
  <!-- /row -->
  <div class="sub-header" id="product_description">
   <h2>
    Product Description
   </h2>
  </div>
  <p>
   A perfect life â¦ until she discovered it wasnât her own.A
tragic family event reveals devastating news that rips apart Bellaâs
comfortable existence. Embarking on a personal journey to uncover the
truth, she faces a series of traumatic discoveries that take her to
the ruggedly beautiful Cornish coast, where hidden truths, past
betrayals and a 25-year-old mystery threaten n A perfect life â¦
until she discovered it wasnât her own.A tragic family event reveals
devastating news that rips apart Bellaâs comfortable existence.
Embarking on a personal journey to uncover the truth, she faces a
series of traumatic discoveries that take her to the ruggedly
beautiful Cornish coast, where hidden truths, past betrayals and a 25-
year-old mystery threaten not just her identity, but also her
life.Chilling, complex and profoundly moving, In Her Wake is a
gripping psychological thriller that questions the nature of family â¦
and reminds us that sometimes the most shocking crimes are committed
closest to home. ...more
  </p>
  <div class="sub-header">
   <h2>
    Product Information
   </h2>
  </div>
  <table class="table table-striped">
   <tr>
    <th>
     UPC
    </th>
    <td>
     23356462d1320d61
    </td>
   </tr>
   <tr>
    <th>
     Product Type
    </th>
```

```
        <td>
         Books
        </td>
       </tr>
       <tr>
        <th>
         Price (excl. tax)
        </th>
        <td>
         Â£12.84
        </td>
       </tr>
       <tr>
        <th>
         Price (incl. tax)
        </th>
        <td>
         Â£12.84
        </td>
       </tr>
       <tr>
        <th>
         Tax
        </th>
        <td>
         Â£0.00
        </td>
       </tr>
       <tr>
        <th>
         Availability
        </th>
        <td>
         In stock (19 available)
        </td>
       </tr>
       <tr>
        <th>
         Number of reviews
        </th>
        <td>
         0
        </td>
       </tr>
      </table>
      <section>
       <div class="sub-header" id="reviews">
       </div>
      </section>
      <div class="sub-header">
```

```html
      <h2>
       Products you recently viewed
      </h2>
     </div>
     <ul 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="../the-rise-of-theodore-roosevelt-theodore-
roosevelt-1_276/index.html">
          <img alt="The Rise of Theodore Roosevelt (Theodore
Roosevelt #1)" class="thumbnail"
src="../../media/cache/ff/d4/ffd45d95f314555e20c923d3522adea7.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="../the-rise-of-theodore-roosevelt-theodore-
roosevelt-1_276/index.html" title="The Rise of Theodore Roosevelt
(Theodore Roosevelt #1)">
          The Rise of Theodore ...
         </a>
        </h3>
        <div class="product_price">
         <p class="price_color">
          Â£42.57
         </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>
```

```html
        </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="../benjamin-franklin-an-american-life_460/index.html">
          <img alt="Benjamin Franklin: An American Life"
class="thumbnail"
src="../../media/cache/25/f8/25f869fa75340fca0fc2a68e8a0412a1.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="../benjamin-franklin-an-american-life_460/index.html"
title="Benjamin Franklin: An American Life">
          Benjamin Franklin: An American ...
         </a>
        </h3>
        <div class="product_price">
         <p class="price_color">
          Â£48.19
         </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-faith-of-christopher-hitchens-the-restless-
soul-of-the-worlds-most-notorious-atheist_495/index.html">
   <img alt="The Faith of Christopher Hitchens: The Restless
Soul of the World's Most Notorious Atheist" class="thumbnail"
src="../../media/cache/cc/a4/cca4e6a4cd5c207e7ce7d992ff464c3b.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="../the-faith-of-christopher-hitchens-the-restless-
soul-of-the-worlds-most-notorious-atheist_495/index.html" title="The
Faith of Christopher Hitchens: The Restless Soul of the World's Most
Notorious Atheist">
   The Faith of Christopher ...
  </a>
 </h3>
 <div class="product_price">
  <p class="price_color">
   Â£39.55
  </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">
```

```html
        <a href="../setting-the-world-on-fire-the-brief-
astonishing-life-of-st-catherine-of-siena_603/index.html">
            <img alt="Setting the World on Fire: The Brief,
Astonishing Life of St. Catherine of Siena" class="thumbnail"
src="../../media/cache/8b/c4/8bc43a6b42d0283ab4bf611f1b497126.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>
            </p>
            <h3>
             <a href="../setting-the-world-on-fire-the-brief-
astonishing-life-of-st-catherine-of-siena_603/index.html"
title="Setting the World on Fire: The Brief, Astonishing Life of St.
Catherine of Siena">
              Setting the World on ...
             </a>
            </h3>
            <div class="product_price">
             <p class="price_color">
              £21.15
             </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="../louisa-the-extraordinary-life-of-mrs-
adams_818/index.html">
```

```html
        <img alt="Louisa: The Extraordinary Life of Mrs. Adams"
class="thumbnail"
src="../../media/cache/6f/d9/6fd92e5143cbd5bb8bcf034e5f007dde.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>
        </p>
        <h3>
         <a href="../louisa-the-extraordinary-life-of-mrs-
adams_818/index.html" title="Louisa: The Extraordinary Life of Mrs.
Adams">
          Louisa: The Extraordinary Life ...
         </a>
        </h3>
        <div class="product_price">
         <p class="price_color">
          Â£16.85
         </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="../rework_212/index.html">
          <img alt="Rework" class="thumbnail"
src="../../media/cache/54/10/5410a58193e2373c04b3021ade78a82b.jpg"/>
         </a>
        </div>
```

```html
          <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="../rework_212/index.html" title="Rework">
            Rework
           </a>
          </h3>
          <div class="product_price">
           <p class="price_color">
            Â£44.88
           </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>
       </ul>
     </article>
     <!-- End of product page -->
    </div>
   </div>
  </div>
  </div>
  <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-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();

            });
  </script>
  <!-- Version: N/A -->
 </body>
</html>


nsoup.select('tr')

[<tr>
 <th>UPC</th><td>23356462d1320d61</td>
 </tr>,
 <tr>
 <th>Product Type</th><td>Books</td>
 </tr>,
 <tr>
 <th>Price (excl. tax)</th><td>Â£12.84</td>
 </tr>,
 <tr>
 <th>Price (incl. tax)</th><td>Â£12.84</td>
 </tr>,
 <tr>
 <th>Tax</th><td>Â£0.00</td>
 </tr>,
 <tr>
 <th>Availability</th>
 <td>In stock (19 available)</td>
```

```
 </tr>,
 <tr>
 <th>Number of reviews</th>
 <td>0</td>
 </tr>]

nsoup.select('tr th')

[<th>UPC</th>,
 <th>Product Type</th>,
 <th>Price (excl. tax)</th>,
 <th>Price (incl. tax)</th>,
 <th>Tax</th>,
 <th>Availability</th>,
 <th>Number of reviews</th>]

nsoup.select('tr td')

[<td>23356462d1320d61</td>,
 <td>Books</td>,
 <td>Â£12.84</td>,
 <td>Â£12.84</td>,
 <td>Â£0.00</td>,
 <td>In stock (19 available)</td>,
 <td>0</td>]

nsoup.select('tr td')[2].text

'Â£12.84'


from concurrent.futures import ThreadPoolExecutor

# Initialize list to store data
books_data = []

# Function to scrape a single book page for extra details
def scrape_book_page(book_url):
    try:
        res = requests.get(book_url, timeout=5)
        res.raise_for_status()
        soup = BeautifulSoup(res.text, 'html.parser')

        # Extract additional details from book page
        book_details = {th.text.strip(): td.text.strip() for th, td in
zip(soup.select('tr th'), soup.select('tr td'))}
        return book_details  # Returns a dictionary with extra book
details
    except Exception as e:
        print(f"Error fetching book page {book_url}: {e}")
        return {}
```

```python
# Function to scrape all books from a page
def scrape_page(pg_num):
    url = f'https://books.toscrape.com/catalogue/page-{pg_num}.html'
    req = requests.get(url, timeout=5)

    if req.status_code != 200:
        print(f"Failed to fetch page {pg_num}")
        return []

    soup_pg = BeautifulSoup(req.text, 'html.parser')
    books = []

    for book in soup_pg.select('article.product_pod'):
        title = book.h3.a['title']
        price = book.select_one('.price_color').text.replace('£', '')
        rating = book.select_one('p.star-rating')['class'][1]
        availability = book.select_one('.availability').text.strip()

        book_url = "http://books.toscrape.com/catalogue/" +
book.h3.a['href']

        # Store basic book info
        book_info = {
            "Title": title,
            "Price (£)": price,
            "Rating": rating,
            "Availability": availability,
            "URL": book_url  # Store URL for optional extra scraping
        }

        books.append(book_info)

    return books

# Scrape all pages
for page in range(1, 51):
    books_data.extend(scrape_page(page))

# Use ThreadPoolExecutor to fetch book details in parallel
with ThreadPoolExecutor(max_workers=10) as executor:
    extra_details = list(executor.map(scrape_book_page, [book['URL']
for book in books_data]))

# Merge extra details into books_data
for i, details in enumerate(extra_details):
    books_data[i].update(details)

# Convert to DataFrame and Save
df = pd.DataFrame(books_data)
```

```python
df.to_csv("optimized_books_data.csv", index=False)

print("Scraping completed! Data saved as optimized_books_data.csv")
```

Scraping completed! Data saved as optimized_books_data.csv

```python
# adding new columns in a dataframe
new_df = pd.DataFrame()
new_df["Rating"] = rating_list
new_df["Title"] = title_list
new_df
```

```
    Rating                                             Title
0    Three                             A Light in the Attic
1      One                               Tipping the Velvet
2      One                                        Soumission
3     Four                                     Sharp Objects
4     Five              Sapiens: A Brief History of Humankind
..     ...                                               ...
995    One  Alice in Wonderland (Alice's Adventures in Won...
996   Four    Ajin: Demi-Human, Volume 1 (Ajin: Demi-Human #1)
997   Five   A Spy's Devotion (The Regency Spies of London #1)
998    One                    1st to Die (Women's Murder Club #1)
999   Five                 1,000 Places to See Before You Die

[1000 rows x 2 columns]
```