```
import pandas as pd
import numpy as np
import matplotlib.pyplot as plt
import seaborn as sns
import warnings
warnings.filterwarnings("ignore")
import requests
from bs4 import BeautifulSoup
# url for scraping data
url = "http://books.toscrape.com/"
# Getting response from the website
response = requests.get(url)
print(response)
<Response [200]>
# Parsing the response by using html.parser
Soup = BeautifulSoup(response.text, 'html.parser')
Soup
<!DOCTYPE html>
                    <html lang="en-us" class="no-js lt-ie9 lt-ie8</pre>
<!--[if lt IE 7]>
lt-ie7"> <![endif]-->
                       <html lang="en-us" class="no-js lt-ie9 lt-ie8">
<!--[if IE 7]>
<![endif]-->
<!--[if IE 8]>
                    <html lang="en-us" class="no-js lt-ie9"> <!
[endif]-->
<!--[if gt IE 8]><!--> <html class="no-js" lang="en-us"> <!--<!
[endif]-->
<head>
<title>
    All products | Books to Scrape - Sandbox
</title>
<meta content="text/html; charset=utf-8" http-equiv="content-type"/>
<meta content="24th Jun 2016 09:29" name="created"/>
<meta content="" name="description"/>
<meta content="width=device-width" name="viewport"/>
<meta content="NOARCHIVE,NOCACHE" name="robots"/>
<!-- Le HTML5 shim, for IE6-8 support of HTML elements -->
<!--[if lt IE 9]>
        <script
src="//html5shim.googlecode.com/svn/trunk/html5.js"></script>
        <![endif]-->
<link href="static/oscar/favicon.ico" rel="shortcut icon"/>
<link href="static/oscar/css/styles.css" rel="stylesheet"</pre>
type="text/css"/>
<link href="static/oscar/js/bootstrap-datetimepicker/bootstrap-</pre>
```

```
datetimepicker.css" rel="stylesheet"/>
<link href="static/oscar/css/datetimepicker.css" rel="stylesheet"</pre>
type="text/css"/>
</head>
<body class="default" id="default">
<header class="header container-fluid">
<div class="page inner">
<div class="row">
<div class="col-sm-8 h1"><a href="index.html">Books to
Scrape</a><small> We love being scraped!</small>
</div>
</div>
</div>
</header>
<div class="container-fluid page">
<div class="page inner">
<
<a href="index.html">Home</a>
All products
<div class="row">
<aside class="sidebar col-sm-4 col-md-3">
<div id="promotions left">
</div>
<div class="side categories">
i>
<a href="catalogue/category/books_1/index.html">
                             Books
                     </a>
ul>
<
<a href="catalogue/category/books/travel 2/index.html">
                             Travel
                     </a>
<
<a href="catalogue/category/books/mystery 3/index.html">
                             Mystery
                     </a>
```

```
<
<a href="catalogue/category/books/historical-fiction_4/index.html">
                             Historical Fiction
                      </a>
<
<a href="catalogue/category/books/sequential-art_5/index.html">
                             Sequential Art
                      </a>
<
<a href="catalogue/category/books/classics 6/index.html">
                             Classics
                      </a>
<
<a href="catalogue/category/books/philosophy 7/index.html">
                             Philosophy
                      </a>
<
<a href="catalogue/category/books/romance_8/index.html">
                             Romance
                      </a>
<
<a href="catalogue/category/books/womens-fiction 9/index.html">
                             Womens Fiction
                      </a>
<
<a href="catalogue/category/books/fiction_10/index.html">
                             Fiction
                      </a>
```

```
<
<a href="catalogue/category/books/childrens_11/index.html">
                             Childrens
                      </a>
<
<a href="catalogue/category/books/religion_12/index.html">
                             Religion
                      </a>
<
<a href="catalogue/category/books/nonfiction 13/index.html">
                             Nonfiction
                      </a>
<
<a href="catalogue/category/books/music 14/index.html">
                             Music
                      </a>
<
<a href="catalogue/category/books/default_15/index.html">
                             Default
                      </a>
<
<a href="catalogue/category/books/science-fiction 16/index.html">
                             Science Fiction
                      </a>
<
<a href="catalogue/category/books/sports-and-games_17/index.html">
                             Sports and Games
                      </a>
```

```
<
<a href="catalogue/category/books/add-a-comment_18/index.html">
                             Add a comment
                      </a>
<
<a href="catalogue/category/books/fantasy_19/index.html">
                             Fantasy
                      </a>
<
<a href="catalogue/category/books/new-adult 20/index.html">
                             New Adult
                      </a>
<
<a href="catalogue/category/books/young-adult 21/index.html">
                             Young Adult
                      </a>
<
<a href="catalogue/category/books/science_22/index.html">
                             Science
                      </a>
<
<a href="catalogue/category/books/poetry 23/index.html">
                             Poetry
                      </a>
<
<a href="catalogue/category/books/paranormal_24/index.html">
                             Paranormal
                      </a>
```

```
<
<a href="catalogue/category/books/art_25/index.html">
                             Art
                      </a>
<
<a href="catalogue/category/books/psychology_26/index.html">
                             Psychology
                      </a>
<
<a href="catalogue/category/books/autobiography 27/index.html">
                             Autobiography
                      </a>
<
<a href="catalogue/category/books/parenting 28/index.html">
                             Parenting
                      </a>
<
<a href="catalogue/category/books/adult-fiction_29/index.html">
                             Adult Fiction
                      </a>
<
<a href="catalogue/category/books/humor 30/index.html">
                             Humor
                      </a>
<
<a href="catalogue/category/books/horror_31/index.html">
                             Horror
                      </a>
```

```
<
<a href="catalogue/category/books/history_32/index.html">
                             History
                      </a>
<
<a href="catalogue/category/books/food-and-drink_33/index.html">
                             Food and Drink
                      </a>
<
<a href="catalogue/category/books/christian-fiction 34/index.html">
                             Christian Fiction
                      </a>
<
<a href="catalogue/category/books/business 35/index.html">
                             Business
                      </a>
<
<a href="catalogue/category/books/biography_36/index.html">
                             Biography
                      </a>
<
<a href="catalogue/category/books/thriller 37/index.html">
                             Thriller
                      </a>
<
<a href="catalogue/category/books/contemporary_38/index.html">
                             Contemporary
                      </a>
```

```
<
<a href="catalogue/category/books/spirituality_39/index.html">
                             Spirituality
                      </a>
<
<a href="catalogue/category/books/academic 40/index.html">
                             Academic
                      </a>
<
<a href="catalogue/category/books/self-help 41/index.html">
                             Self Help
                      </a>
<
<a href="catalogue/category/books/historical 42/index.html">
                             Historical
                      </a>
<
<a href="catalogue/category/books/christian_43/index.html">
                             Christian
                      </a>
<
<a href="catalogue/category/books/suspense 44/index.html">
                             Suspense
                      </a>
<
<a href="catalogue/category/books/short-stories_45/index.html">
                             Short Stories
                      </a>
```

```
<
<a href="catalogue/category/books/novels_46/index.html">
                             Novels
                      </a>
<
<a href="catalogue/category/books/health_47/index.html">
                             Health
                      </a>
<
<a href="catalogue/category/books/politics 48/index.html">
                             Politics
                      </a>
<
<a href="catalogue/category/books/cultural 49/index.html">
                             Cultural
                      </a>
<
<a href="catalogue/category/books/erotica_50/index.html">
                             Erotica
                      </a>
<
<a href="catalogue/category/books/crime 51/index.html">
                             Crime
                      </a>
</div>
</aside>
<div class="col-sm-8 col-md-9">
<div class="page-header action">
<h1>All products</h1>
```

```
</div>
<div id="messages">
</div>
<div id="promotions">
<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"</pre>
role="alert"><strong>Warning!</strong> This is a demo website for web
scraping purposes. Prices and ratings here were randomly assigned and
have no real meaning.</div>
<div>
<article class="product pod">
<div class="image container">
<a href="catalogue/a-light-in-the-attic 1000/index.html"><img alt="A
Light in the Attic" class="thumbnail"
src="media/cache/2c/da/2cdad67c44b002e7ead0cc35693c0e8b.jpg"/></a>
</div>
<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>
<q\>
<h3><a href="catalogue/a-light-in-the-attic 1000/index.html" title="A
Light in the Attic">A Light in the ...</a></h3>
<div class="product price">
£51.77
<i class="icon-ok"></i>
       In stock
<form>
<button class="btn btn-primary btn-block" data-loading-</pre>
text="Adding..." type="submit">Add to basket</button>
```

```
</form>
</div>
</article>
<article class="product pod">
<div class="image container">
<a href="catalogue/tipping-the-velvet 999/index.html"><img</pre>
alt="Tipping the Velvet" class="thumbnail"
src="media/cache/26/0c/260c6ae16bce31c8f8c95daddd9f4a1c.jpq"/></a>
</div>
<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>
<h3><a href="catalogue/tipping-the-velvet 999/index.html"
title="Tipping the Velvet">Tipping the Velvet</a></h3>
<div class="product price">
£53.74
<i class="icon-ok"></i>
      In stock
<form>
<button class="btn btn-primary btn-block" data-loading-</pre>
text="Adding..." type="submit">Add to basket</button>
</form>
</div>
</article>
<article class="product pod">
<div class="image container">
<a href="catalogue/soumission 998/index.html"><img alt="Soumission"</pre>
class="thumbnail"
src="media/cache/3e/ef/3eef99c9d9adef34639f510662022830.jpg"/></a>
</div>
<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>
<h3><a href="catalogue/soumission 998/index.html"
```

```
title="Soumission">Soumission</a></h3>
<div class="product price">
A£50.10
<i class="icon-ok"></i>
      In stock
<form>
<button class="btn btn-primary btn-block" data-loading-</pre>
text="Adding..." type="submit">Add to basket</button>
</form>
</div>
</article>
<article class="product pod">
<div class="image container">
<a href="catalogue/sharp-objects 997/index.html"><img alt="Sharp"
Objects class="thumbnail"
src="media/cache/32/51/3251cf3a3412f53f339e42cac2134093.jpg"/></a>
</div>
<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>
<h3><a href="catalogue/sharp-objects 997/index.html" title="Sharp"
Objects">Sharp Objects</a></h3>
<div class="product price">
£47.82
<i class="icon-ok"></i>
      In stock
<form>
<button class="btn btn-primary btn-block" data-loading-</pre>
text="Adding..." type="submit">Add to basket</button>
</form>
</div>
</article>
<article class="product pod">
```

```
<div class="image container">
href="catalogue/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>
<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>
<h3><a
href="catalogue/sapiens-a-brief-history-of-humankind 996/index.html"
title="Sapiens: A Brief History of Humankind">Sapiens: A Brief History
...</a></h3>
<div class="product_price">
£54.23
<i class="icon-ok"></i>
       In stock
<form>
<button class="btn btn-primary btn-block" data-loading-</pre>
text="Adding..." type="submit">Add to basket</button>
</form>
</div>
</article>
<article class="product pod">
<div class="image container">
<a href="catalogue/the-requiem-red 995/index.html"><img alt="The</pre>
Requiem Red" class="thumbnail"
src="media/cache/68/33/68339b4c9bc034267e1da611ab3b34f8.jpg"/></a>
</div>
<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>
<h3><a href="catalogue/the-requiem-red 995/index.html" title="The
Requiem Red">The Requiem Red</a></h3>
<div class="product price">
```

```
£22.65
<i class="icon-ok"></i>
      In stock
<form>
<button class="btn btn-primary btn-block" data-loading-</pre>
text="Adding..." type="submit">Add to basket</button>
</form>
</div>
</article>
<article class="product pod">
<div class="image container">
<a href="catalogue/the-dirty-little-secrets-of-getting-your-dream-</pre>
job 994/index.html"><img alt="The Dirty Little Secrets of Getting Your</pre>
Dream Job" class="thumbnail"
src="media/cache/92/27/92274a95b7c251fea59a2b8a78275ab4.jpg"/></a>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<q\>
<h3><a href="catalogue/the-dirty-little-secrets-of-getting-your-dream-
job 994/index.html" title="The Dirty Little Secrets of Getting Your
Dream Job">The Dirty Little Secrets ...</a></h3>
<div class="product_price">
£33.34
<i class="icon-ok"></i>
      In stock
<form>
<button class="btn btn-primary btn-block" data-loading-</pre>
text="Adding..." type="submit">Add to basket</button>
</form>
</div>
</article>
<article class="product pod">
```

```
<div class="image container">
<a href="catalogue/the-coming-woman-a-novel-based-on-the-life-of-the-</pre>
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>
<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>
<h3><a href="catalogue/the-coming-woman-a-novel-based-on-the-life-of-
the-infamous-feminist-victoria-woodhull 993/index.html" title="The
Coming Woman: A Novel Based on the Life of the Infamous Feminist,
Victoria Woodhull">The Coming Woman: A ...</a></h3>
<div class="product price">
£17.93
<i class="icon-ok"></i>
       In stock
<form>
<button class="btn btn-primary btn-block" data-loading-</pre>
text="Adding..." type="submit">Add to basket</button>
</form>
</div>
</article>
<article class="product pod">
<div class="image container">
<a href="catalogue/the-boys-in-the-boat-nine-americans-and-their-epic-</pre>
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>
<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>
```

```
<h3><a href="catalogue/the-boys-in-the-boat-nine-americans-and-their-
epic-quest-for-gold-at-the-1936-berlin-olympics 992/index.html"
title="The Boys in the Boat: Nine Americans and Their Epic Quest for
Gold at the 1936 Berlin Olympics">The Boys in the ...</a></h3>
<div class="product price">
£22.60
<i class="icon-ok"></i>
      In stock
<form>
<button class="btn btn-primary btn-block" data-loading-</pre>
text="Adding..." type="submit">Add to basket</button>
</form>
</div>
</article>
<article class="product pod">
<div class="image container">
<a href="catalogue/the-black-maria 991/index.html"><img alt="The Black</pre>
Maria" class="thumbnail"
src="media/cache/58/46/5846057e28022268153beff6d352b06c.jpg"/></a>
</div>
<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>
<h3><a href="catalogue/the-black-maria 991/index.html" title="The
Black Maria">The Black Maria</a></h3>
<div class="product price">
£52.15
<i class="icon-ok"></i>
       In stock
<form>
<button class="btn btn-primary btn-block" data-loading-</pre>
text="Adding..." type="submit">Add to basket</button>
</form>
</div>
</article>
```

```
<article class="product pod">
<div class="image container">
<a
href="catalogue/starving-hearts-triangular-trade-trilogy-1 990/index.h
tml"><img alt="Starving Hearts (Triangular Trade Trilogy, #1)"
class="thumbnail"
src="media/cache/be/f4/bef44da28c98f905a3ebec0b87be8530.jpg"/></a>
</div>
<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>
<q\>
<h3><a href="catalogue/starving-hearts-triangular-trade-trilogy-
1 990/index.html" title="Starving Hearts (Triangular Trade Trilogy,
#1)">Starving Hearts (Triangular Trade ...</a></h3>
<div class="product price">
£13.99
<i class="icon-ok"></i>
      In stock
<form>
<button class="btn btn-primary btn-block" data-loading-</pre>
text="Adding..." type="submit">Add to basket</button>
</form>
</div>
</article>
<article class="product pod">
<div class="image container">
<a href="catalogue/shakespeares-sonnets 989/index.html"><img</pre>
alt="Shakespeare's Sonnets" class="thumbnail"
src="media/cache/10/48/1048f63d3b5061cd2f424d20b3f9b666.jpg"/></a>
</div>
<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>
```

```
<h3><a href="catalogue/shakespeares-sonnets 989/index.html"
title="Shakespeare's Sonnets">Shakespeare's Sonnets</a></h3>
<div class="product price">
£20.66
<i class="icon-ok"></i>
      In stock
<form>
<button class="btn btn-primary btn-block" data-loading-</pre>
text="Adding..." type="submit">Add to basket</button>
</form>
</div>
</article>
class="col-xs-6 col-sm-4 col-md-3 col-lg-3">
<article class="product pod">
<div class="image container">
<a href="catalogue/set-me-free 988/index.html"><img alt="Set Me Free"</pre>
class="thumbnail"
src="media/cache/5b/88/5b88c52633f53cacf162c15f4f823153.jpg"/></a>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<h3><a href="catalogue/set-me-free 988/index.html" title="Set Me
Free">Set Me Free</a></h3>
<div class="product price">
£17.46
<i class="icon-ok"></i>
      In stock
<form>
<button class="btn btn-primary btn-block" data-loading-</pre>
text="Adding..." type="submit">Add to basket</button>
</form>
</div>
</article>
```

```
<article class="product pod">
<div class="image container">
<a href="catalogue/scott-pilgrims-precious-little-life-scott-pilgrim-</pre>
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>
<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>
<h3><a href="catalogue/scott-pilgrims-precious-little-life-scott-
pilgrim-1 987/index.html" title="Scott Pilgrim's Precious Little Life"
(Scott Pilgrim #1)">Scott Pilgrim's Precious Little ...</a></h3>
<div class="product_price">
£52.29
<i class="icon-ok"></i>
       In stock
<form>
<button class="btn btn-primary btn-block" data-loading-</pre>
text="Adding..." type="submit">Add to basket</button>
</form>
</div>
</article>
<article class="product pod">
<div class="image container">
<a href="catalogue/rip-it-up-and-start-again 986/index.html"><img</pre>
alt="Rip it Up and Start Again" class="thumbnail"
src="media/cache/81/c4/81c4a973364e17d01f217e1188253d5e.jpg"/></a>
</div>
<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>
<h3><a href="catalogue/rip-it-up-and-start-again 986/index.html"
title="Rip it Up and Start Again">Rip it Up and ...</a></h3>
<div class="product price">
```

```
£35.02
<i class="icon-ok"></i>
      In stock
<form>
<button class="btn btn-primary btn-block" data-loading-</pre>
text="Adding..." type="submit">Add to basket</button>
</form>
</div>
</article>
<article class="product pod">
<div class="image container">
<a href="catalogue/our-band-could-be-your-life-scenes-from-the-</pre>
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>
<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>
<h3><a href="catalogue/our-band-could-be-your-life-scenes-from-the-
american-indie-underground-1981-1991 985/index.html" title="Our Band
Could Be Your Life: Scenes from the American Indie Underground, 1981-
1991">Our Band Could Be ...</a></h3>
<div class="product price">
£57.25
<i class="icon-ok"></i>
      In stock
<form>
<button class="btn btn-primary btn-block" data-loading-</pre>
text="Adding..." type="submit">Add to basket</button>
</form>
</div>
</article>
```

```
<article class="product pod">
<div class="image container">
<a href="catalogue/olio 984/index.html"><img alt="0lio"
class="thumbnail"
src="media/cache/55/33/553310a7162dfbc2c6d19a84da0df9e1.jpg"/></a>
<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>
<h3><a href="catalogue/olio 984/index.html" title="0lio">0lio</a></h3>
<div class="product price">
A£23.88
<i class="icon-ok"></i>
      In stock
<form>
<button class="btn btn-primary btn-block" data-loading-</pre>
text="Adding..." type="submit">Add to basket</button>
</form>
</div>
</article>
<article class="product pod">
<div class="image container">
<a href="catalogue/mesaerion-the-best-science-fiction-stories-1800-</pre>
1849 983/index.html"><img alt="Mesaerion: The Best Science Fiction
Stories 1800-1849" class="thumbnail"
src="media/cache/09/a3/09a3aef48557576e1a85ba7efea8ecb7.jpg"/></a>
</div>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<h3><a href="catalogue/mesaerion-the-best-science-fiction-stories-
1800-1849 983/index.html" title="Mesaerion: The Best Science Fiction
Stories 1800-1849">Mesaerion: The Best Science ...</a></h3>
<div class="product price">
```

```
£37.59
<i class="icon-ok"></i>
      In stock
<form>
<button class="btn btn-primary btn-block" data-loading-</pre>
text="Adding..." type="submit">Add to basket</button>
</form>
</div>
</article>
<article class="product pod">
<div class="image container">
<a href="catalogue/libertarianism-for-beginners 982/index.html"><img</pre>
alt="Libertarianism for Beginners" class="thumbnail"
src="media/cache/0b/bc/0bbcd0a6f4bcd81ccb1049a52736406e.jpg"/></a>
</div>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<i class="icon-star"></i>
<h3><a href="catalogue/libertarianism-for-beginners 982/index.html"
title="Libertarianism for Beginners">Libertarianism for
Beginners</a></h3>
<div class="product_price">
£51.33
<i class="icon-ok"></i>
      In stock
<form>
<button class="btn btn-primary btn-block" data-loading-</pre>
text="Adding..." type="submit">Add to basket</button>
</form>
</div>
</article>
<article class="product pod">
<div class="image container">
<a href="catalogue/its-only-the-himalayas 981/index.html"><img</pre>
```

```
alt="It's Only the Himalayas" class="thumbnail"
src="media/cache/27/a5/27a53d0bb95bdd88288eaf66c9230d7e.jpg"/></a>
</div>
<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>
<q\>
<h3><a href="catalogue/its-only-the-himalayas 981/index.html"
title="It's Only the Himalayas">It's Only the Himalayas</a></h3>
<div class="product price">
£45.17
<i class="icon-ok"></i>
       In stock
<q\>
<form>
<button class="btn btn-primary btn-block" data-loading-</pre>
text="Adding..." type="submit">Add to basket</button>
</form>
</div>
</article>
<div>
class="current">
              Page 1 of 50
          <a href="catalogue/page-2.html">next</a>
</div>
</div>
</section>
</div>
</div><!-- /row -->
</div><!-- /page_inner -->
</div><!-- /container-fluid -->
<footer class="footer container-fluid">
</footer>
<!-- jQuery -->
<script
src="http://ajax.googleapis.com/ajax/libs/jquery/1.9.1/jquery.min.js">
```

```
</script>
<script>window.jQuery || document.write('<script</pre>
src="static/oscar/js/jquery/jquery-1.9.1.min.js"><\/script>')</script>
<!-- Twitter Bootstrap -->
<script src="static/oscar/js/bootstrap3/bootstrap.min.js"</pre>
type="text/javascript"></script>
<!-- Oscar -->
<script charset="utf-8" src="static/oscar/js/oscar/ui.js"</pre>
type="text/javascript"></script>
<script charset="utf-8" src="static/oscar/js/bootstrap-</pre>
datetimepicker/bootstrap-datetimepicker.js"
type="text/javascript"></script>
<script charset="utf-8" src="static/oscar/is/bootstrap-</pre>
datetimepicker/locales/bootstrap-datetimepicker.all.js"
type="text/javascript"></script>
<script type="text/javascript">
            $(function() {
   oscar.init();
oscar.search.init();
            });
        </script>
<!-- Version: N/A -->
</body>
</html>
data iterator = Soup.select('h3,p')
data iterator
len(data iterator)
80
data = []
for i in range(1,len(data iterator),4):
    Title = data iterator[i].text.strip()
    Product price = data iterator[i+1].text.strip().replace('Â', '')
    Avaibility = data iterator[i+2].text.strip()
    data.append((
        Title,
        Product price,
        Avaibility
data
```

```
[('A Light in the ...', '£51.77', 'In stock'),
  ('Tipping the Velvet', '£53.74', 'In stock'),
 ('Soumission', '£50.10', 'In stock'),
 ('Sharp Objects', '£47.82', 'In stock'),
 ('Sapiens: A Brief History ...', '£54.23', 'In stock'),
 ('The Requiem Red', '£22.65', 'In stock'), ('The Dirty Little Secrets ...', '£33.34', 'In stock'),
 ('The Coming Woman: A ...', '£17.93', 'In stock'),
 ('The Boys in the ...', '£22.60', 'In stock'),
 ('The Black Maria', '£52.15', 'In stock'),
 ('Starving Hearts (Triangular Trade ...', '£13.99', 'In stock'),
 ("Shakespeare's Sonnets", '£20.66', 'In stock'), ('Set Me Free', '£17.46', 'In stock'),
 ("Scott Pilgrim's Precious Little ...", '£52.29', 'In stock'),
 ('Rip it Up and ...', '£35.02', 'In stock'), ('Our Band Could Be ...', '£57.25', 'In stock'),
 ('Olio', '£23.88', 'In stock'),
 ('Mesaerion: The Best Science ...', '£37.59', 'In stock'),
 ('Libertarianism for Beginners', '£51.33', 'In stock'),
 ("It's Only the Himalayas", '£45.17', 'In stock')]
#Create Dataframe using data by defining the coumn headers
df = pd.DataFrame(data,columns=['Book Name','Price','Availbility'])
df.head()
                         Book Name Price Availbility
              A Light in the ...
0
                                     £51.77
                                                In stock
1
              Tipping the Velvet £53.74
                                                In stock
2
                       Soumission £50.10
                                                In stock
3
                    Sharp Objects £47.82
                                                In stock
4 Sapiens: A Brief History ... £54.23
                                                In stock
#Saving the dateframe
df.to excel(r"Book to Store.xlsx",index=False)
print("Data saved to products data.xlsx")
Data saved to products data.xlsx
df.columns
Index(['Book Name', 'Price', 'Availbility'], dtype='object')
```