

Program No:16

Aim:Implement a program to scrap the web page of any popular website

Code:

```
import requests
from bs4 import BeautifulSoup
import csv

URL = "http://www.values.com/inspirational-quotes"
r = requests.get(URL)

soup = BeautifulSoup(r.content, 'xml')
quotes=[]
table = soup.find('div', attrs = {'id':'all_quotes'})

for row in table.findAll('div',
    attrs = {'class':'col-6 col-lg-3 text-center margin-30px-bottom sm-margin-30px-top'}):
    quote = {}
    quote['theme'] = row.h5.text
    quote['url'] = row.a['href']
    quote['img'] = row.img['src']
    quote['lines'] = row.img['alt'].split(" #")[0]
    quote['author'] = row.img['alt'].split(" #")[1]
    quotes.append(quote)

filename = 'inspirational_quotes.csv'
with open(filename, 'w', newline='') as f:
    w = csv.DictWriter(f,['theme','url','img','lines','author'])
    w.writeheader()
    for quote in quotes:
        w.writerow(quote)
```

Output:

```

C:\Users\ajcemca\AppData\Local\Programs\Python\Python39\python.exe C:\Users\ajcemca\PycharmProjects\pythonProject\scrapping.py
b'<!DOCTYPE html>\n<html class="no-js" dir="ltr" lang="en-US">\n    <head>\n        <title>Inspirational Quotes - Motivational Quotes - Leadership Quotes | Pas
<!DOCTYPE html>

<html class="no-js" dir="ltr" lang="en-US">

<head>

<title>

Inspirational Quotes - Motivational Quotes - Leadership Quotes | PassItOn.com

</title>

<meta charset="utf-8"/>

<meta content="text/html; charset=utf-8" http-equiv="content-type"/>

<meta content="IE=edge" http-equiv="X-UA-Compatible"/>

<meta content="width=device-width,initial-scale=1.0" name="viewport"/>

<meta content="The Foundation for a Better Life | Pass It On.com" name="description"/>

<link href="/apple-touch-icon.png" rel="apple-touch-icon" sizes="180x180"/>

<link href="/favicon-32x32.png" rel="icon" sizes="32x32" type="image/png"/>

<link href="/favicon-16x16.png" rel="icon" sizes="16x16" type="image/png"/>

<link href="/site.webmanifest" rel="manifest"/>

<link color="#c8102e" href="/safari-pinned-tab.svg" rel="mask-icon"/>

<meta content="#c8102e" name="msapplication-TileColor"/>

<meta content="#ffffff" name="theme-color"/>

<link crossorigin="anonymous" href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css" integrity="sha384-ggOyR0iXCbMQV3IpmA34MD+dH/1f1
<link href="/assets/application-2a7a8e6a1c3f620bac9efa66420f5579.css" media="all" rel="stylesheet"/>

<meta content="authenticity_token" name="csrf-param"/>

<meta content="2LEnRlca3rFw5G6/14acDUhoxs=0a0NwlfQgrEoQsacbrE0n1RABFdlDSgKAZ21Cb0khU7K7pUZPa2QNfA==" name="csrf-token"/>

<!-- Global site tag (gtag.js) - Google Analytics -->

<script async="" src="https://www.googletagmanager.com/gtag/js?id=UA-1179606-29">

```

```

Terms of Use
</a>
</div>
</div>
</div>
</div>
</footer>
<a class="scroll-top-arrow" href="javascript:void(0);">
<i class="ti-arrow-up">
</i>
</a>
<script src="https://cdnjs.cloudflare.com/ajax/libs/jquery/1.12.4/jquery.js">
</script>
<script crossorigin="anonymous" integrity="sha384-U02eT0CpHqds3Q6hJty5KVphtPhzWj9W01cLTMGa3JDZwrnQq4sF86dIHNDz0W1" src="https://cdnjs.cloudflare.com/ajax/l
</script>
<script crossorigin="anonymous" integrity="sha384-JjSmVgyd0p3pX81rRibZUAYoIIy60rQ6VrjIEaFf/njGzIxFOsf4x0xIM+B07jRM" src="https://stackpath.bootstrapcdn.com/l
</script>
<script src="/assets/pofo-1a7dc0d92519266568dcfcc8a6e53534.js">
</script>
</body>
</html>

```

Process finished with `exit` code 0

theme	url	img	lines
LOVE	/inspirational-quotes/7444-where-there-is-love-there-is-life	https://assets.passiton.com/quotes/quote_artwork/7444/medium/20220215_tuesday_quote_alternate.jpg?164612053	Where there is love t
LOVE	/inspirational-quotes/7439-at-the-touch-of-love-everyone-becomes-a-poet	https://assets.passiton.com/quotes/quote_artwork/7439/medium/20220214_monday_quote.jpg?164611729	At the touch of love
FRIENDSHIP	/inspirational-quotes/8304-a-friend-may-be-waiting-behind-a-stranger-s-face	https://assets.passiton.com/quotes/quote_artwork/8304/medium/20220211_friday_quote_updated.jpg?1644000491	A friend may be wait
FRIENDSHIP	/inspirational-quotes/3331-wherever-we-are-it-is-our-friends-that-make	https://assets.passiton.com/quotes/quote_artwork/3331/medium/20220210_thursday_quote_updated.jpg?1644000474	Wherever we are, it i
FRIENDSHIP	/inspirational-quotes/8303-find-a-group-of-people-who-challenge-and	https://assets.passiton.com/quotes/quote_artwork/8303/medium/20220209_wednesday_quote_updated.jpg?1644000457	Find a group of peop
FRIENDSHIP	/inspirational-quotes/8302-there-s-not-a-word-yet-for-old-friends-who-ve	https://assets.passiton.com/quotes/quote_artwork/8302/medium/20220208_tuesday_quote.jpg?1644000442	There's not a word
FRIENDSHIP	/inspirational-quotes/7435-there-are-good-ships-and-wood-ships-ships-that	https://assets.passiton.com/quotes/quote_artwork/7435/medium/20220207_monday_quote_updated.jpg?1644000426	There are good ships
PERSISTENCE	/inspirational-quotes/6377-at-211-degrees-water-is-hot-at-212-degrees	https://assets.passiton.com/quotes/quote_artwork/6377/medium/20220204_friday_quote.jpg?1643401767	At 211 degrees, wat
PERSISTENCE	/inspirational-quotes/8301-the-key-of-persistence-opens-all-doors-closed	https://assets.passiton.com/quotes/quote_artwork/8301/medium/20220203_thursday_quote.jpg?1643401731	The key of persisten
PERSISTENCE	/inspirational-quotes/7918-you-keep-putting-one-foot-in-front-of-the	https://assets.passiton.com/quotes/quote_artwork/7918/medium/20220202_wednesday_quote.jpg?1643401582	You keep putting on
PERSISTENCE	/inspirational-quotes/7919-to-persist-with-a-goal-you-must-treasure-the	https://assets.passiton.com/quotes/quote_artwork/7919/medium/20220201_tuesday_quote.jpg?1643401538	To persist with a goa
PERSISTENCE	/inspirational-quotes/8300-failure-cannot-cope-with-persistence	https://assets.passiton.com/quotes/quote_artwork/8300/medium/20220131_monday_quote.jpg?1643401488	Failure cannot cope
INSPIRATION	/inspirational-quotes/8298-though-no-one-can-go-back-and-make-a-brand-new	https://assets.passiton.com/quotes/quote_artwork/8298/medium/20220128_friday_quote.jpg?1642807064	Though no one can
INSPIRATION	/inspirational-quotes/8297-a-highly-developed-values-system-is-like-a	https://assets.passiton.com/quotes/quote_artwork/8297/medium/20210127_thursday_quote.jpg?1642807024	A highly developed
INSPIRATION	/inspirational-quotes/7066-just-don-t-give-up-trying-what-you-really-want	https://assets.passiton.com/quotes/quote_artwork/7066/medium/20210126_wednesday_quote.jpg?1642807000	Just don't give up t
INSPIRATION	/inspirational-quotes/8296-when-we-strive-to-become-better-than-we-are	https://assets.passiton.com/quotes/quote_artwork/8296/medium/20210125_tuesday_quote.jpg?1642806976	When we strive to b
INSPIRATION	/inspirational-quotes/8299-the-most-important-thing-is-to-try-and-inspire	https://assets.passiton.com/quotes/quote_artwork/8299/medium/20210124_monday_quote.jpg?1642807233	The most important
OVERCOMING	/inspirational-quotes/6828-bad-things-do-happen-how-i-respond-to-them	https://assets.passiton.com/quotes/quote_artwork/6828/medium/20220121_friday_quote.jpg?1642025489	Bad things do happe
OVERCOMING	/inspirational-quotes/8294-show-me-someone-who-has-done-something	https://assets.passiton.com/quotes/quote_artwork/8294/medium/20220120_thursday_quote.jpg?1642025461	Show me someone
OVERCOMING	/inspirational-quotes/6137-its-not-the-load-that-breaks-you-down-its-the	https://assets.passiton.com/quotes/quote_artwork/6137/medium/20220119_wednesday_quote.jpg?1642021501	It's not the load tha
OVERCOMING	/inspirational-quotes/6805-getting-over-a-painful-experience-is-much-like	https://assets.passiton.com/quotes/quote_artwork/6805/medium/20220118_tuesday_quote.jpg?1642021466	Getting over a painf
OVERCOMING	/inspirational-quotes/8293-if-you-cant-fly-then-run-if-you-cant-run-then	https://assets.passiton.com/quotes/quote_artwork/8293/medium/20220117_monday_quote.jpg?1642021433	If you can't fly then
CREATIVITY	/inspirational-quotes/5577-the-creative-is-the-place-where-no-one-else-has	https://assets.passiton.com/quotes/quote_artwork/5577/medium/20220114_friday_quote.jpg?1641588954	The creative is the pl
CREATIVITY	/inspirational-quotes/7345-creativity-is-allowing-yourself-to-make	https://assets.passiton.com/quotes/quote_artwork/7345/medium/20220113_thursday_quote.jpg?1641588918	Creativity is allowin
CREATIVITY	/inspirational-quotes/7487-creativity-requires-the-courage-to-let-go-of	https://assets.passiton.com/quotes/quote_artwork/7487/medium/20220112_wednesday_quote.jpg?1641588894	Creativity requires t

PERSISTENCE	/inspirational-quotes/8301-the-key-of-persistence-opens-all-doors-closed	https://assets.passiton.com/quotes/quote_artwork/8301/medium/20220203_thursday_quote.jpg?1643401731	The key of persistence
PERSISTENCE	/inspirational-quotes/7918-you-keep-putting-one-foot-in-front-of-the	https://assets.passiton.com/quotes/quote_artwork/7918/medium/20220202_wednesday_quote.jpg?1643401582	You keep putting on
PERSISTENCE	/inspirational-quotes/7919-to-persist-with-a-goal-you-must-treasure-the	https://assets.passiton.com/quotes/quote_artwork/7919/medium/20220201_tuesday_quote.jpg?1643401538	To persist with a goal
PERSISTENCE	/inspirational-quotes/8300-failure-cannot-cope-with-persistence	https://assets.passiton.com/quotes/quote_artwork/8300/medium/20220131_monday_quote.jpg?1643401488	Failure cannot cope
INSPIRATION	/inspirational-quotes/8298-though-no-one-can-go-back-and-make-a-brand-new	https://assets.passiton.com/quotes/quote_artwork/8298/medium/20210128_friday_quote.jpg?1642807064	Though no one can
INSPIRATION	/inspirational-quotes/8297-a-highly-developed-values-system-is-like-a	https://assets.passiton.com/quotes/quote_artwork/8297/medium/20210127_thursday_quote.jpg?1642807024	A highly developed system
INSPIRATION	/inspirational-quotes/7066-just-don-t-give-up-trying-what-you-really-want	https://assets.passiton.com/quotes/quote_artwork/7066/medium/20210126_wednesday_quote.jpg?1642807000	Just don't give up trying
INSPIRATION	/inspirational-quotes/8296-when-we-strive-to-become-better-than-we-are	https://assets.passiton.com/quotes/quote_artwork/8296/medium/20210125_tuesday_quote.jpg?1642806976	When we strive to become better than we are
INSPIRATION	/inspirational-quotes/8299-the-most-important-thing-is-to-try-and-inspire	https://assets.passiton.com/quotes/quote_artwork/8299/medium/20210124_monday_quote.jpg?1642807233	The most important thing is to try and inspire
OVERCOMING	/inspirational-quotes/6828-bad-things-do-happen-how-i-respond-to-them	https://assets.passiton.com/quotes/quote_artwork/6828/medium/20220121_friday_quote.jpg?1642025489	Bad things do happen, how I respond to them
OVERCOMING	/inspirational-quotes/8294-show-me-someone-who-has-done-something	https://assets.passiton.com/quotes/quote_artwork/8294/medium/20220120_thursday_quote.jpg?1642025461	Show me someone who has done something
OVERCOMING	/inspirational-quotes/6137-its-not-the-load-that-breaks-you-down-its-the	https://assets.passiton.com/quotes/quote_artwork/6137/medium/20220119_wednesday_quote.jpg?1642021501	It's not the load that breaks you down, it's the way you carry it
OVERCOMING	/inspirational-quotes/6805-getting-over-a-painful-experience-is-much-like	https://assets.passiton.com/quotes/quote_artwork/6805/medium/20220118_tuesday_quote.jpg?1642021466	Getting over a painful experience is much like
OVERCOMING	/inspirational-quotes/8293-if-you-cant-fly-then-run-if-you-cant-run-then	https://assets.passiton.com/quotes/quote_artwork/8293/medium/20220117_monday_quote.jpg?1642021433	If you can't fly then run, if you can't run then
CREATIVITY	/inspirational-quotes/5577-the-creative-is-the-place-where-no-one-else-has	https://assets.passiton.com/quotes/quote_artwork/5577/medium/20220114_friday_quote.jpg?1641588954	The creative is the place where no one else has
CREATIVITY	/inspirational-quotes/7345-creativity-is-allowing-yourself-to-make	https://assets.passiton.com/quotes/quote_artwork/7345/medium/20220113_thursday_quote.jpg?1641588918	Creativity is allowing yourself to make
CREATIVITY	/inspirational-quotes/7487-creativity-requires-the-courage-to-let-go-of	https://assets.passiton.com/quotes/quote_artwork/7487/medium/20220112_wednesday_quote.jpg?1641588894	Creativity requires the courage to let go of
HUMILITY	/inspirational-quotes/8295-i-am-the-me-i-choose-to-be	https://assets.passiton.com/quotes/quote_artwork/8295/medium/20220111_tuesday_quote.jpg?164158930	I am the me I choose to be
CREATIVITY	/inspirational-quotes/7809-creative-people-do-not-see-things-for-what-they	https://assets.passiton.com/quotes/quote_artwork/7809/medium/20220110_monday_quote.jpg?1641588841	Creative people do not see things for what they
HOPE	/inspirational-quotes/8291-there-was-never-a-night-or-a-problem-that-could	https://assets.passiton.com/quotes/quote_artwork/8291/medium/20220107_friday_quote.jpg?1640117070	There was never a night or a problem that could
HOPE	/inspirational-quotes/3560-hope-is-a-state-of-mind-not-of-the-world	https://assets.passiton.com/quotes/quote_artwork/3560/medium/20220106_thursday_quote.jpg?1640117035	Hope is a state of mind, not of the world
HOPE	/inspirational-quotes/6827-just-as-one-cannot-live-without-dreams-one	https://assets.passiton.com/quotes/quote_artwork/6827/medium/20220105_wednesday_quote.jpg?1640117008	Just as one cannot live without dreams, one
HOPE	/inspirational-quotes/8290-we-have-always-held-to-the-hope-the-belief	https://assets.passiton.com/quotes/quote_artwork/8290/medium/20220104_tuesday_quote.jpg?1640116962	We have always held to the hope, the belief
HOPE	/inspirational-quotes/7457-hope-smiles-from-the-threshold-of-the-year-to	https://assets.passiton.com/quotes/quote_artwork/7457/medium/20220103_monday_quote.jpg?1640116927	Hope smiles from the threshold of the year to