

```
[1] import requests
import bs4
from bs4 import BeautifulSoup
url = 'https://api.github.com'
response = requests.get(url)
response.text
```

Python

```
[1] ... '[\n    "current_user_url": "https://api.github.com/user",\n    "current_user_authorizations_html_url": "https://github.com/settings/connections/applications/{client_id}"\n]
```

```
[2] import kaggle
```

Python

```
[3] > from kaggle.api.kaggle_api_extended import KaggleApi
[4] api = KaggleApi()
[4] api.authenticate()
```

Python

```
[5] response = requests.get('https://www.kompas.com/')
rawhtml = response.text
soup = BeautifulSoup(rawhtml, 'html.parser')
```

Python

```
[6] for i in soup.find_all('a'):
[6]     print(i.get('href'))
```

Python

```
[6] ... https://www.kompas.com
```

Spaces: 4 {} ⚙ Cell 3 of 5

```
for i in soup.find_all('a'):
    print(i.get('href'))
```

<https://www.kompas.com>
https://plus.kompas.com/detail?source=top_navbar
javascript:void(0)
<https://account.kompas.com/login/a29tcGFz/aHR0cHM6Ly93d3cua29tcGFzLmhvbS8=>
<https://plus.kompas.com/detail?source=profile>
<https://activity.kompas.com/saved>
<https://activity.kompas.com/liked>
<https://activity.kompas.com/minat>
<https://www.kompas.com/feedback>
<https://plus.kompas.com/kompas-one?source=top-navbar>
<https://www.kompas.com>
<https://news.kompas.com?source=navbar>
<https://nasional.kompas.com>
<https://www.kompas.com/global>
<https://megapolitan.kompas.com>
<https://regional.kompas.com>
<https://pemilu.kompas.com>
<https://www.kompas.com/hype>
<https://www.kompas.com/konsultasihukum>
<https://www.kompas.com/celफक्ता>
<https://inside.kompas.com/suratpembaca>
<https://indeks.kompas.com/?site=news>
<https://kilasderaah.kompas.com>
<https://kilaskorporasi.kompas.com>
<https://kilaskementerian.kompas.com>
...
https://www.kompas.com/jadwal-sholat/kota-jakarta?source=living_assistance
https://play.kompas.com/?source=living_assistance
https://www.kompas.com/feedback?source=living_assistance
https://activity.kompas.com/minat?source=living_assistance

Python

```
C:\> Users > user > namaprojek > namaprojek > spiders > quotes_spider.py > KompasSpiderSpider
1 import scrapy
2
3 class Kompasspiderspider(scrapy.Spider):
4     name = "quotes_spider"
5     start_urls = ["https://quotes.toscrape.com/"]
6
7     def parse(self, response):
8         # Loop setiap blok quote
9         for quote in response.css("div.quote"):
10             yield {
11                 "text": quote.css("span.text::text").get(),
12                 "author": quote.css("small.author::text").get(),
13                 "tags": quote.css("div.tags a.tag::text").getall(),
14             }
15
16         # Navigasi ke halaman berikutnya jika ada
17         next_page = response.css("li.next a::attr(href)").get()
18         if next_page:
19             yield response.follow(next_page, callback=self.parse)
20
```

```
PS C:\Users\user> cd kata_kata
PS C:\Users\user\kata_kata> python -m scrapy crawl quotes_spider -o quotes.json
```

```
● PS C:\Users\user> cd namaprojek
○ PS C:\Users\user\namaprojek> python -m scrapy crawl quotes_spider -o quotes.json
```

```
1 [ ] C:\Users\user\namaprojek\quotes.json
2 {"text": "\"The world as we have created it is a process of our thinking. It cannot be changed without changing our thinking.\\"", "author": "Albert"
3 {"text": "\"It is our choices, Harry, that show what we truly are, far more than our abilities.\\"", "author": "J.K. Rowling", "tags": ["abilities",
4 {"text": "\"There are only two ways to live your life. One is as though nothing is a miracle. The other is as though everything is a miracle.\\"", "
5 {"text": "\"The person, be it gentleman or lady, who has not pleasure in a good novel, must be intolerably stupid.\\"", "author": "Jane Austen", "ta
6 {"text": "\"Imperfection is beauty, madness is genius and it's better to be absolutely ridiculous than absolutely boring.\\"", "author": "Marilyn Mo
7 {"text": "\"Try not to become a man of success. Rather become a man of value.\\"", "author": "Albert Einstein", "tags": ["adulthood", "success", "va
8 {"text": "\"It is better to be hated for what you are than to be loved for what you are not.\\"", "author": "André Gide", "tags": ["life", "love"]),
9 {"text": "\"I have not failed. I've just found 10,000 ways that won't work.\\"", "author": "Thomas A. Edison", "tags": ["edison", "failure", "inspir
10 {"text": "\"A woman is like a tea bag; you never know how strong it is until it's in hot water.\\"", "author": "Eleanor Roosevelt", "tags": ["misatt
11 {"text": "\"A day without sunshine is like, you know, night.\\"", "author": "Steve Martin", "tags": ["humor", "obvious", "simile"]),
12 {"text": "\"This life is what you make it. No matter what, you're going to mess up sometimes, it's a universal truth. But the good part is you get
13 {"text": "\"It takes a great deal of bravery to stand up to our enemies, but just as much to stand up to our friends.\\"", "author": "J.K. Rowling",
14 {"text": "\"If you can't explain it to a six year old, you don't understand it yourself.\\"", "author": "Albert Einstein", "tags": ["simplicity", "u
15 {"text": "\"You may not be her first, her last, or her only. She loved before she may love again. But if she loves you now, what else matters? She
16 {"text": "\"I like nonsense, it wakes up the brain cells. Fantasy is a necessary ingredient in living.\\"", "author": "Dr. Seuss", "tags": ["fantasy",
17 {"text": "\"I may not have gone where I intended to go, but I think I have ended up where I needed to be.\\"", "author": "Douglas Adams", "tags": [
18 {"text": "\"The opposite of love is not hate, it's indifference. The opposite of art is not ugliness, it's indifference. The opposite of faith is
19 {"text": "\"It is not a lack of love, but a lack of friendship that makes unhappy marriages.\\"", "author": "Friedrich Nietzsche", "tags": ["friends",
20 {"text": "\"Good friends, good books, and a sleepy conscience: this is the ideal life.\\"", "author": "Mark Twain", "tags": ["books", "contentment",
21 {"text": "\"Life is what happens to us while we are making other plans.\\"", "author": "Allen Saunders", "tags": ["fate", "life", "misattributed-joh
22 {"text": "\"I love you without knowing how, or when, or from where. I love you simply, without problems or pride: I love you in this way because I
23 {"text": "\"For every minute you are angry you lose sixty seconds of happiness.\\"", "author": "Ralph Waldo Emerson", "tags": ["happiness"]),
24 {"text": "\"If you judge people, you have no time to love them.\\"", "author": "Mother Teresa", "tags": ["attributed-no-source"]),
25 {"text": "\"Anyone who thinks sitting in church can make you a Christian must also think that sitting in a garage can make you a car.\\"", "author": "
26 {"text": "\"Beauty is in the eye of the beholder and it may be necessary from time to time to give a stupid or misinformed beholder a black eye.\\"", "
27 {"text": "\"Today you are You, that is truer than true. There is no one alive who is Youer than You.\\"", "author": "Dr. Seuss", "tags": ["comedy",
28 {"text": "\"If you want your children to be intelligent, read them fairy tales. If you want them to be more intelligent, read them more fairy tale
29 {"text": "\"It is impossible to live without failing at something, unless you live so cautiously that you might as well not have lived at all - in
30 {"text": "\"Logic will get you from A to Z; imagination will get you everywhere.\\"", "author": "Albert Einstein", "tags": ["imagination"]),
31 {"text": "\"One good thing about music, when it hits you, you feel no pain.\\"", "author": "Bob Marley", "tags": ["music"]),
32 {"text": "\"The more that you read, the more things you will know. The more that you learn, the more places you'll go.\\"", "author": "Dr. Seuss", "
33 {"text": "\"Of course it is happening inside your head, Harry, but why on earth should that mean that it is not real?\\"", "author": "J.K. Rowling",
34 {"text": "\"The truth is, everyone is going to hurt you. You just got to find the ones worth suffering for.\\"", "author": "Bob Marley", "tags": ["f
35 {"text": "\"Not all of us can do great things. But we can do small things with great love.\\"", "author": "Mother Teresa", "tags": ["misattributed-t
36 {"text": "\"To the well-organized mind, death is but the next great adventure.\\"", "author": "J.K. Rowling", "tags": ["death", "inspirational"]),
37 {"text": "\"All you need is love. But a little chocolate now and then doesn't hurt.\\"", "author": "Charles M. Schulz", "tags": ["chocolate", "food"]}
```