Untitled-1

```python
1   import requests
2   from bs4 import BeautifulSoup
3
4   # Step 1: Send a request to the website
5   url = "https://example.com"  # Replace with the target website URL
6   response = requests.get(url)
7
8   # Check if the request was successful
9   if response.status_code == 200:
10      # Step 2: Parse the HTML content
11      soup = BeautifulSoup(response.text, 'html.parser')
12
13      # Step 3: Extract data
14      titles = soup.find_all('h2')  # Assuming article titles are in <h2> tags
15
16      # Step 4: Display the extracted data
17      for title in titles:
18          print(title.text)
19  else:
20      print(f"Failed to retrieve the webpage. Status code: {response.status_code}")
21  pip install scrapy
22  scrapy startproject quotes_scraper
23  import scrapy
24
25  class QuotesSpider(scrapy.Spider):
26      name = "quotes"
27      start_urls = ['http://quotes.toscrape.com']
28
29      def parse(self, response):
30          # Extract the quotes and author names
31          for quote in response.css('div.quote'):
32              yield {
33                  'text': quote.css('span.text::text').get(),
34                  'author': quote.css('span small.author::text').get(),
35                  'tags': quote.css('div.tags a.tag::text').getall(),
36              }
37
38          # Follow pagination links
39          next_page = response.css('li.next a::attr(href)').get()
40          if next_page is not None:
41              yield response.follow(next_page, self.parse)
42
```