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import requests
from bs4 import BeautifulSoup
url = 'http://quotes.toscrape.com/'
response = requests.get(url)
if response.status_code == 200:
    soup = BeautifulSoup(response.content, 'html.parser')
    quotes = soup.find_all('div', class_='quote')
    for quote in quotes:
        text = quote.find('span', class_='text').get_text()
        author = quote.find('small', class_='author').get_text()
        print(f"{text}" - {author}')
else:
    print(f"Failed to retrieve the webpage. Status code:
{response.status_code}")

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"The world as we have created it is a process of our thinking. It cannot be changed without changing our thinking." - Albert Einstein
 "It is our choices, Harry, that show what we truly are, far more than our abilities." - J.K. Rowling
 "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." - Albert Einstein
 "The person, be it gentleman or lady, who has not pleasure in a good novel, must be intolerably stupid." - Jane Austen
 "Imperfection is beauty, madness is genius and it's better to be absolutely ridiculous than absolutely boring." - Marilyn Monroe
 "Try not to become a man of success. Rather become a man of value." - Albert Einstein
 "It is better to be hated for what you are than to be loved for what you are not." - André Gide
 "I have not failed. I've just found 10,000 ways that won't work." - Thomas A. Edison
 "A woman is like a tea bag; you never know how strong it is until it's in hot water." - Eleanor Roosevelt
 "A day without sunshine is like, you know, night." - Steve Martin

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import requests
from bs4 import BeautifulSoup
def scrape_books(url):
    response = requests.get(url)
    if response.status_code == 200:
        soup = BeautifulSoup(response.content, 'html.parser')
        books = []
        book_elements = soup.find_all('article', class_='product_pod')
        for book_element in book_elements:
            title = book_element.h3.a['title']
            price = book_element.find('p',
class_='price_color').get_text(strip=True)
            books.append((title, price))
        return books

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    else:
        print(f"Failed to retrieve the webpage. Status code:
{response.status_code}")
        return []
def main():
    url = 'http://books.toscrape.com/catalogue/page-1.html'
    books = scrape_books(url)
    for title, price in books:
        print(f'"{title}" - {price}')
if __name__ == "__main__":
    main()

"A Light in the Attic" - £51.77
"Tipping the Velvet" - £53.74
"Soumission" - £50.10
"Sharp Objects" - £47.82
"Sapiens: A Brief History of Humankind" - £54.23
"The Requiem Red" - £22.65
"The Dirty Little Secrets of Getting Your Dream Job" - £33.34
"The Coming Woman: A Novel Based on the Life of the Infamous Feminist,
Victoria Woodhull" - £17.93
"The Boys in the Boat: Nine Americans and Their Epic Quest for Gold at
the 1936 Berlin Olympics" - £22.60
"The Black Maria" - £52.15
"Starving Hearts (Triangular Trade Trilogy, #1)" - £13.99
"Shakespeare's Sonnets" - £20.66
"Set Me Free" - £17.46
"Scott Pilgrim's Precious Little Life (Scott Pilgrim #1)" - £52.29
"Rip it Up and Start Again" - £35.02
"Our Band Could Be Your Life: Scenes from the American Indie
Underground, 1981-1991" - £57.25
"Olio" - £23.88
"Mesaerion: The Best Science Fiction Stories 1800-1849" - £37.59
"Libertarianism for Beginners" - £51.33
"It's Only the Himalayas" - £45.17

import requests
from bs4 import BeautifulSoup
def scrape_quotes(url):
    response = requests.get(url)
    if response.status_code == 200:
        soup = BeautifulSoup(response.content, 'html.parser')
        quotes = []
        quote_elements = soup.find_all('div', class_='quote')
        for quote_element in quote_elements:
            text = quote_element.find('span',
class_='text').get_text(strip=True)
            author = quote_element.find('small',
class_='author').get_text(strip=True)
            quotes.append((text, author))

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        return quotes
    else:
        print(f"Failed to retrieve the webpage. Status code:
{response.status_code}")
        return []
def main():
    url = 'http://quotes.toscrape.com/'
    quotes = scrape_quotes(url)
    if quotes:
        for quote, author in quotes:
            print(f'"{quote}" - {author}')
    else:
        print("No quotes were scraped.")
if __name__ == "__main__":
    main()

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import requests
from bs4 import BeautifulSoup
def extract_info(url):
    response = requests.get(url)
    if response.status_code == 200:
        soup = BeautifulSoup(response.content, 'html.parser')
        paragraphs = soup.find_all('p')
        text_content = [p.get_text(strip=True) for p in paragraphs]
        links = soup.find_all('a', href=True)
        link_list = [(link.get_text(strip=True), link['href']) for link in links]
        images = soup.find_all('img', src=True)
        image_list = [img['src'] for img in images]

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        return text_content, link_list, image_list
    else:
        print(f"Failed to retrieve the webpage. Status code:
{response.status_code}")
        return [], [], []
def main():
    url = 'http://example.com/' # Replace with the URL you want to
scrape
    text_content, link_list, image_list = extract_info(url)
    print("Text Content:")
    for text in text_content:
        print(text)
    print("\nLinks:")
    for text, link in link_list:
        print(f"Text: {text}, URL: {link}")
    print("\nImages:")
    for img_src in image_list:
        print(img_src)
if __name__ == "__main__":
    main()

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