import requests

from bs4 import BeautifulSoup

def scrape\_quotes(url):

# Send an HTTP request to the URL

response = requests.get(url)

# Check if the request was successful (status code 200)

if response.status\_code == 200:

# Parse the HTML content of the page

soup = BeautifulSoup(response.text, 'html.parser')

# Extract information from the page

quotes = []

for quote in soup.find\_all('span', class\_='text'):

quotes.append(quote.get\_text())

authors = []

for author in soup.find\_all('small', class\_='author'):

authors.append(author.get\_text())

# Create a structured form (e.g., a list of dictionaries)

structured\_data = []

for q, a in zip(quotes, authors):

structured\_data.append({'quote': q, 'author': a})

return structured\_data

else:

print(f"Failed to retrieve the page. Status code: {response.status\_code}")

return None

# URL of the website to scrape

url = 'http://quotes.toscrape.com'

data = scrape\_quotes(url)

# Print the structured data

if data:

for item in data:

print(f"Quote: {item['quote']}")

print(f"Author: {item['author']}")

print('-' \* 30)