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In [2]: import nest_asyncio
import asyncio
import aiohttp
from bs4 import BeautifulSoup
from IPython.display import display, HTML

nest_asyncio.apply()

async def main():
    base_url = "http://books.toscrape.com/catalogue/page-{}.html"
    start_page = 1
    end_page = 5

    async with aiohttp.ClientSession() as session:
        data = await fetch_pages(session, base_url, start_page, end_page)
        for page_data in data:
            for book in page_data:
                display(HTML(f"<p>Title: {book['title']}<br>Price: {book['price']}</p>"))

    async def fetch(session, url):
        async with session.get(url) as response:
            return await response.text()

    async def parse_page(html):
        soup = BeautifulSoup(html, 'html.parser')
        books = soup.find_all('article', class_='product_pod')
        data = [{'title': book.h3.a['title'], 'price': book.find('p', class_='price_color').text} for book in books]
        return data

    async def fetch_pages(session, base_url, start_page, end_page):
        tasks = []
        for page in range(start_page, end_page + 1):
            url = base_url.format(page)
            tasks.append(fetch(session, url))

        htmls = await asyncio.gather(*tasks)
        return await asyncio.gather(*(parse_page(html) for html in htmls))

    await main()

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