

2306aml133-kritika-assignment14

August 30, 2023

```
[6]: HEADERS = ({'User-Agent':
                'Mozilla/5.0 (X11; Linux x86_64) AppleWebKit/537.36 (KHTML, like_
                ↪Gecko) Chrome/44.0.2403.157 Safari/537.36',
                'Accept-Language': 'en-US, en;q=0.5'})
URL = "https://www.amazon.com/dp/B0BYV51VBN/ref=sspa_dk_detail_3?
      ↪pd_rd_i=B0BYV51VBN&pd_rd_w=V7rwe&content-id=amzn1.sym.
      ↪386c274b-4bfe-4421-9052-a1a56db557ab&pf_rd_p=386c274b-4bfe-4421-9052-a1a56db557ab&pf_rd_r=C
webpage = requests.get(URL, headers=HEADERS)
soup = BeautifulSoup(webpage.content, "lxml")

title = soup.find("span", attrs={"id": 'productTitle'})

title_value = title.string

title_string = title_value.strip()

print(type(title))
print(type(title_value))
print(type(title_string))
print()

print("Product Title = ", title_string)
```

```
<class 'bs4.element.Tag'>
<class 'bs4.element.NavigableString'>
<class 'str'>
```

Product Title = 3 in 1 Magnetic Wireless Travel Foldable Charging Station with Light for Apple Multiple Devices, Mag-Safe Charger Portable Stand, Compatible with iPhone 14/13/12 Series | Apple Watch | AirPods

```
[9]: from bs4 import BeautifulSoup
import requests

def get_title(soup):

    try:
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        title = soup.find("span", attrs={'id':'productTitle'})
        title_value = title.string
        title_string = title_value.strip()
    except AttributeError:
        title_string = ""
    return title_string

def get_price(soup):
    try:
        price = soup.find("span", attrs={'id':'priceblock_ourprice'}).
↪string.strip()
    except AttributeError:
        price = ""
    return price

def get_rating(soup):
    try:
        rating = soup.find("i", attrs={'class':'a-icon a-icon-star_
↪a-star-4-5'}).string.strip()
    except AttributeError:
        try:
            rating = soup.find("span", attrs={'class':
↪'a-icon-alt'}).string.strip()
        except:
            rating = ""
    return rating

def get_review_count(soup):
    try:
        review_count = soup.find("span", attrs={'id':
↪'acrCustomerReviewText'}).string.strip()
    except AttributeError:
        review_count = ""
    return review_count

def get_availability(soup):
    try:
        available = soup.find("div", attrs={'id':'availability'})
        available = available.find("span").string.strip()
    except AttributeError:
        available = ""
    return available

if __name__ == '__main__':

    HEADERS = ({'User-Agent':

```

```

        'Mozilla/5.0 (X11; Linux x86_64) AppleWebKit/537.36 (KHTML,
↳like Gecko) Chrome/44.0.2403.157 Safari/537.36',
        'Accept-Language': 'en-US, en;q=0.5'})

    URL = "https://www.amazon.com/dp/BOBYV51VBN/ref=sspa_dk_detail_3?
↳pd_rd_i=BOBYV51VBN&pd_rd_w=V7rwe&content-id=amzn1.sym.
↳386c274b-4bfe-4421-9052-a1a56db557ab&pf_rd_p=386c274b-4bfe-4421-9052-a1a56db557ab&pf_rd_r=C

    webpage = requests.get(URL, headers=HEADERS)

    soup = BeautifulSoup(webpage.content, "lxml")

    print("Product Title =", get_title(soup))
    print("Product Price =", get_price(soup))
    print("Product Rating =", get_rating(soup))
    print("Number of Product Reviews =", get_review_count(soup))
    print("Availability =", get_availability(soup))
    print()
    print()

```

Product Title = 3 in 1 Magnetic Wireless Travel Foldable Charging Station with Light for Apple Multiple Devices, Mag-Safe Charger Portable Stand, Compatible with iPhone 14/13/12 Series | Apple Watch | AirPods

Product Price =

Product Rating = 4.7 out of 5 stars

Number of Product Reviews = 35 ratings

Availability = Only 5 left in stock - order soon