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In [7]: from bs4 import BeautifulSoup
import requests

# Function to extract Product Title
def get_title(soup):

    try:
        # Outer Tag Object
        title = soup.find("span", attrs={"id": 'productTitle'})

        # Inner NavigableString Object
        title_value = title.string

        # Title as a string value
        title_string = title_value.strip()

        # # Printing types of values for efficient understanding
        # print(type(title))
        # print(type(title_value))
        # print(type(title_string))
        # print()

    except AttributeError:
        title_string = ""

    return title_string

# Function to extract Product Price
def get_price(soup):

    try:
        price = soup.find("span", attrs={'id': 'priceblock_ourprice'}).string.strip()

    except AttributeError:
        price = ""

    return price

# Function to extract Product Rating
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

# Function to extract Number of User Reviews
def get_review_count(soup):
    try:
        review_count = soup.find("span", attrs={'id': 'acrCustomerReviewText'}).string.strip()

    except AttributeError:
        review_count = ""

    return review_count

# Function to extract Availability Status
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 for request
    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'})

    # The webpage URL
    URL = "https://www.amazon.com/dp/B0BYV51VBN/"

    # HTTP Request
    webpage = requests.get(URL, headers=HEADERS)

    # Soup Object containing all data
    soup = BeautifulSoup(webpage.content, "lxml")

    # Function calls to display all necessary product information
    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()

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Product Title = 3 in 1 Magnetic Wireless Travel Foldable Charging Station with Light for Apple Multiple Devices, Mag-Safe Charger Portable Stand, C compatible with iPhone 14/13/12 Series | Apple Watch | AirPods
Product Price =
Product Rating = 4.8 out of 5 stars
Number of Product Reviews = 70 ratings
Availability = In Stock