```python
# -*- coding: utf-8 -*-
"""
Created on Mon Sep 26 13:54:03 2022

@author: akash
"""

# importing libraries
from bs4 import BeautifulSoup
import requests

def main(URL):
    # opening our output file in append mode
    File = open("out.csv", "a")

    # specifying user agent, You can use other user agents
    # available on the internet
    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'})

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

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

    # retrieving product title
    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().replace(',', '')

    except AttributeError:
        title_string = "NA"
    print("product Title = ", title_string)

    # saving the title in the file
    File.write(f"{title_string},")

    # retrieving price
    try:
        price = soup.find(
            "span", attrs={'id': 'priceblock_ourprice'})
                                .string.strip().replace(',', '')
        # we are omitting unnecessary spaces
        # and commas form our string
    except AttributeError:
        price = "NA"
    print("Products price = ", price)

    # saving
    File.write(f"{price},")

    # retrieving product rating
    try:
        rating = soup.find("i", attrs={
                          'class': 'a-icon a-icon-star a-star-4-5'})
```

```
                        .string.strip().replace(',', '')

    except AttributeError:

        try:
            rating = soup.find(
                "span", attrs={'class': 'a-icon-alt'})
                        .string.strip().replace(',', '')
        except:
            rating = "NA"
    print("Overall rating = ", rating)

    File.write(f"{rating},")

    try:
        review_count = soup.find(
            "span", attrs={'id': 'acrCustomerReviewText'})
                        .string.strip().replace(',', '')

    except AttributeError:
        review_count = "NA"
    print("Total reviews = ", review_count)
    File.write(f"{review_count},")

    # print availablility status
    try:
        available = soup.find("div", attrs={'id': 'availability'})
        available = available.find("span")
                .string.strip().replace(',', '')

    except AttributeError:
        available = "NA"
    print("Availability = ", available)

    # saving the availability and closing the line
    File.write(f"{available},\n")

    # closing the file
    File.close()


if __name__ == '__main__':
  # opening our url file to access URLs
    file = open("url.txt", "r")

    # iterating over the urls
    for links in file.readlines():
        main(links)
```