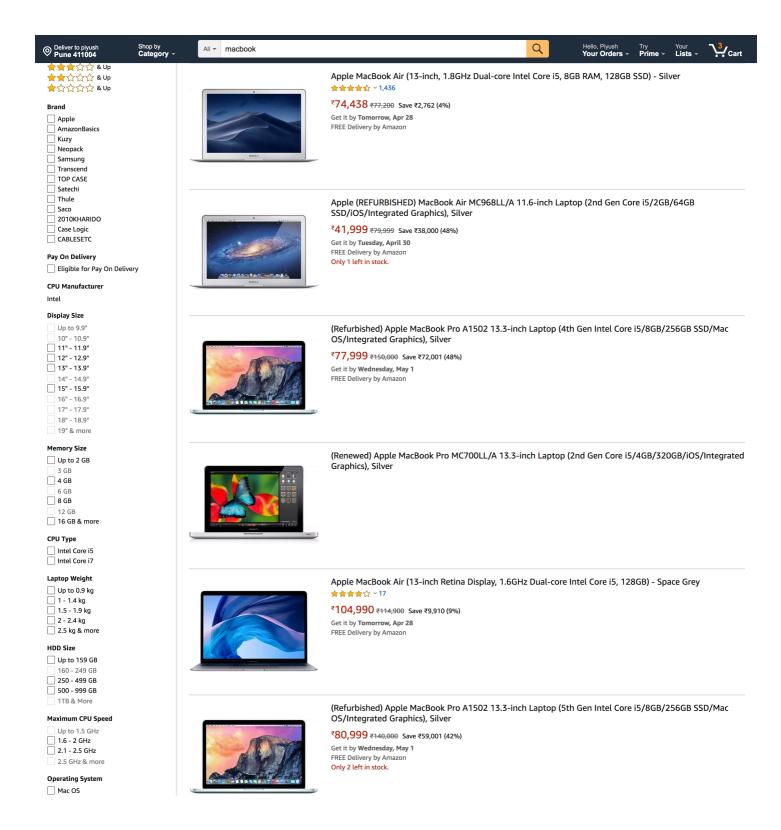# URL Scrapper Amazon

Automation script which fetch URL from Amazon.in using Beautiful Soup.

```python
import os
import bs4
import requests
from sys import *
from urllib.request import urlopen

def MarvellousURLScrapper(url):
    connection = urlopen(url)

    raw_html = connection.read()

    connection.close()

    page_soup = bs4.BeautifulSoup(raw_html, "html.parser")

    container = page_soup.findAll("a",{"class":"a-link-normal a-text-normal"})

    return container

def main():
    print("---- Marvellous Infosystems by Piyush Khairnar-----")

    print("Application name : " +argv[0])

    if (len(argv) == 2):
        if (argv[1] == "-h") or (argv[1] == "-H"):
            print("This Script is used to fetch URL")
            exit()

        if (argv[1] == "-u") or (argv[1] == "-U"):
            print("usage : ApplicationName")
            exit()

    try:
        url = "https://www.amazon.in/s?k=macbook&ref=nb_sb_noss"

        listout = MarvellousURLScrapper(url)

        print("URL from website is :")
        for elements in listout:
            print(elements['href'])
            print()

    except Exception as E:
        print("Error : Invalid input",E)

if __name__ == "__main__":
    main()
```

Web page of the targeted Amazon page

Deliver to piyush **Pune 411004**

Shop by **Category** ▾

All ▾ | macbook | 🔍

Hello, Piyush **Your Orders** ▾ | Try **Prime** ▾ | Your **Lists** ▾ | 🛒 **3 Cart**

★★★☆☆ & Up
★★☆☆☆ & Up
★☆☆☆☆ & Up

Brand
☐ Apple
☐ AmazonBasics
☐ Kuzy
☐ Neopack
☐ Samsung
☐ Transcend
☐ TOP CASE
☐ Satechi
☐ Thule
☐ Saco
☐ 2010KHARIDO
☐ Case Logic
☐ CABLESETC

Pay On Delivery
☐ Eligible for Pay On Delivery

CPU Manufacturer
Intel

Display Size
☐ Up to 9.9"
☐ 10" - 10.9"
☐ 11" - 11.9"
☐ 12" - 12.9"
☐ 13" - 13.9"
☐ 14" - 14.9"
☐ 15" - 15.9"
☐ 16" - 16.9"
☐ 17" - 17.9"
☐ 18" - 18.9"
☐ 19" & more

Memory Size
☐ Up to 2 GB
☐ 3 GB
☐ 4 GB
☐ 6 GB
☐ 8 GB
☐ 12 GB
☐ 16 GB & more

CPU Type
☐ Intel Core i5
☐ Intel Core i7

Laptop Weight
☐ Up to 0.9 kg
☐ 1 - 1.4 kg
☐ 1.5 - 1.9 kg
☐ 2 - 2.4 kg
☐ 2.5 kg & more

HDD Size
☐ Up to 159 GB
☐ 160 - 249 GB
☐ 250 - 499 GB
☐ 500 - 999 GB
☐ 1TB & More

Maximum CPU Speed
☐ Up to 1.5 GHz
☐ 1.6 - 2 GHz
☐ 2.1 - 2.5 GHz
☐ 2.5 GHz & more

Operating System
☐ Mac OS

Apple MacBook Air (13-inch, 1.8GHz Dual-core Intel Core i5, 8GB RAM, 128GB SSD) - Silver

★★★★☆ ▾ 1,436

₹**74,438** ₹77,200 Save ₹2,762 (4%)

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Apple (REFURBISHED) MacBook Air MC968LL/A 11.6-inch Laptop (2nd Gen Core i5/2GB/64GB SSD/iOS/Integrated Graphics), Silver

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Apple MacBook Air (13-inch Retina Display, 1.6GHz Dual-core Intel Core i5, 128GB) - Space Grey

★★★★☆ ▾ 17

₹**104,990** ₹114,900 Save ₹9,910 (9%)

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FREE Delivery by Amazon

(Refurbished) Apple MacBook Pro A1502 13.3-inch Laptop (5th Gen Intel Core i5/8GB/256GB SSD/Mac OS/Integrated Graphics), Silver

₹**80,999** ₹140,000 Save ₹59,001 (42%)

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Output of above script

---- Marvellous Infosystems by Piyush Khairnar-----
Application name : WebScrapingAmazon.py

URL from website is :

https://www.amazon.in/Apple-MacBook-Air-13-3-inch-MQD32HN/dp/B073Q5R6VR

https://www.amazon.in/Apple-MacBook-Air-13-3-inch-MQD32HN/dp/B073Q5R6VR

https://www.amazon.in/Apple-MPXQ2HN-Laptop-Integrated-Graphics/dp/B073QVY9PQ

https://www.amazon.in/Apple-MPXQ2HN-Laptop-Integrated-Graphics/dp/B073QVY9PQ

https://www.amazon.in/Apple-REFURBISHED-MC968LL-11-6-inch-Integrated/dp/B07PN3PRNP

https://www.amazon.in/Apple-REFURBISHED-MC968LL-11-6-inch-Integrated/dp/B07PN3PRNP

https://www.amazon.in/Refurbished-Apple-A1502-13-3-inch-Integrated/dp/B07PQ7YLWZ

https://www.amazon.in/Refurbished-Apple-A1502-13-3-inch-Integrated/dp/B07PQ7YLWZ

https://www.amazon.in/Apple-MC700LL-13-3-inch-Integrated-Graphics/dp/B07PLWVN4R

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https://www.amazon.in/Apple-MacBook-13-inch-Display-Dual-core/dp/B07KJQKLWR

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