

BE-AIML

```
from bs4 import BeautifulSoup
import requests
import pandas as pd
```

```
HEADERS = ({'User-Agent': 'Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/132.0.0.0 Sa
```

```
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```

webpage

<Response [200]>

webpage.content

[illegible]

links

[<h2 aria-label='HP Pavilion x360, 13th Gen Intel Core i5-1335U (16GB DDR4, 512GB SSD) Touchscreen, 14"/35.6cm, FHD, Win 11, Office 21, Silver, 1.51kg, ek1074tu/1148tu, Iris Xe, FPR, 5MP Camera, Backlit KB Laptop' class="a-size-medium a-spacing-none a-color-base a-text-normal">HP Pavilion x360, 13th Gen Intel Core i5-1335U (16GB DDR4, 512GB SSD) Touchscreen, 14"/35.6cm, FHD, Win 11, Office 21, Silver, 1.51kg, ek1074tu/1148tu, Iris Xe, FPR, 5MP Camera, Backlit KB Laptop</h2>, <h2 aria-label='ASUS ROG Strix G16, AMD Ryzen 9 8940HX, Gaming Laptop(RTX 5050-8GB/115W TGP/16GB RAM/1TB SSD/FHD+/16"/165Hz/90Whr/Windows 11/M365 Basic (1Year)*/Office Home 2024/Eclipse Gray/2.5 Kg) G614PH-RV033WS' class="a-size-medium a-spacing-none a-color-base a-text-normal">ASUS ROG Strix G16, AMD Ryzen 9 8940HX, Gaming Laptop(RTX 5050-8GB/115W TGP/16GB RAM/1TB SSD/FHD+/16"/165Hz/90Whr/Windows 11/M365 Basic (1Year)*/Office Home 2024/Eclipse Gray/2.5 Kg) G614PH-RV033WS</h2>, <h2 aria-label='ASUS TUF Gaming A15, AMD Ryzen 7 7435HS Gaming Laptop(NVIDIA RTX 3050-4GB/60W TGP/16GB RAM/512GB SSD/FHD/15.6"/144Hz/RGB KB/48Whr/Windows 11//Graphite Black/2.30 Kg) FA506NCR-HN054W' class="a-size-medium a-spacing-none a-color-base a-text-normal">ASUS TUF Gaming A15, AMD Ryzen 7 7435HS Gaming Laptop(NVIDIA RTX 3050-4GB/60W TGP/16GB RAM/512GB SSD/FHD/15.6"/144Hz/RGB KB/48Whr/Windows 11//Graphite Black/2.30 Kg) FA506NCR-HN054W</h2>, <h2 aria-label='Acer [SmartChoice Aspire 3 Laptop Intel Core Celeron N4500 Processor Laptop (8 GB LPDDR4X SDRAM/512 GB SSD/Win11 Home/38 WHR/HD Webcam) A325-45 with 39.63 cm (15.6") HD Display, Pure Silver, 1.5 KG' class="a-size-medium a-spacing-none a-color-base a-text-normal">Acer [SmartChoice Aspire 3 Laptop Intel Core Celeron N4500 Processor Laptop (8 GB LPDDR4X SDRAM/512 GB SSD/Win11 Home/38 WHR/HD Webcam) A325-45 with 39.63 cm (15.6") HD Display, Pure Silver, 1.5 KG</h2>, <h2 aria-label='Acer ALG, Intel Core i5 13th Gen - 13420H, NVIDIA GeForce RTX 3050-6GB, 16GB RAM, 512GB SSD, FHD 15.6"/39.62cm, 144Hz, Windows 11 Home, Steel Gray, 1.99kg, AL15G-53 Gaming Laptop' class="a-size-medium a-spacing-none a-color-base a-text-normal">Acer ALG, Intel Core i5 13th Gen - 13420H, NVIDIA GeForce RTX 3050-6GB, 16GB RAM, 512GB SSD, FHD 15.6"/39.62cm, 144Hz, Windows 11 Home, Steel Gray, 1.99kg, AL15G-53 Gaming Laptop</h2>, <h2 aria-label='HP 15, AMD Ryzen 3 7320U (8GB LPDDR5, 512GB SSD) FHD, Anti-Glare, Micro-Edge, 15.6"/39.6cm, Win 11, Office 21, Silver, 1.59kg, fc0154AU, AMD Radeon Graphics, 1080p FHD Camera Laptop' class="a-size-medium a-spacing-none a-color-base a-text-normal">HP 15, AMD Ryzen 3 7320U (8GB LPDDR5, 512GB SSD) FHD, Anti-Glare, Micro-Edge 15 6"/39 6cm Win 11 Office 21 Silver 1 59kg fc0154AU AMD Radeon Graphics 1080p FHD Camera Laptop

```
len(links)
```

```
16
```

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links[0]
```

```
<a class="a-link-normal s-line-clamp-2 s-line-clamp-3-for-col-12 s-link-style a-text-normal" href="/HP-Pavilion-i5-1335U-Laptop-Touchscreen/dp/B0CJ2KWNQ/ref=sr_1_1?dib=eyJ2IjoMSJ9.Idvdt_UXS2_-E6IS9-yikQp2MGpp5Zy_jVH9i3ztLfPoqmYNjW6qzc70A3dgNRB_v0Ly_WMPLGFOIoRg725b5IkmMXoj1P_yB59IpK-CnpsQMY5UhpQhwSg99vh4bV60J7ROSUJnLe0qS8laaXgu2EVDngcZi-MmxeA1ymqjQET4md8V25usplTphTFZcKjq-Te6l2d8_G2f7DksT9JXsL_B71xIm62j8h6b1XUyDA.NFFF9wjPHVybsCyUSj7hd_S2K4TBULIqUVi_NAUhdIk&tag=se&keywords=laptop&q1" target="_blank"><h2 aria-label='HP Pavilion x360, 13th Gen Intel Core i5-1335U (16GB DDR4, 512GB SSD) Touchscreen, 14"/35.6cm, FHD, Win 11, Office 21, Silver, 1.51kg, ek1074tu/1148tu, Iris Xe, FPR, 5MP Camera, Backlit KB Laptop' class="a-size-medium a-spacing-none a-color-base a-text-normal"><span>HP Pavilion x360, 13th Gen Intel Core i5-1335U (16GB DDR4, 512GB SSD) Touchscreen, 14"/35.6cm, FHD, Win 11, Office 21, Silver, 1.51kg, ek1074tu/1148tu, Iris Xe, FPR, 5MP Camera, Backlit KB Laptop</span></h2></a>
```

```
links[0].get('href')
```

```
 '/HP-Pavilion-i5-1335U-Laptop-Touchscreen/dp/B0CJ2KWNQ/ref=sr_1_1?dib=eyJ2IjoMSJ9.Idvdt_UXS2_-E6IS9-yikQp2MGpp5Zy_jVH9i3ztLfPoqmYNjW6qzc70A3dgNRB_v0Ly_WMPLGFOIoRg725b5IkmMXoj1P_yB59IpK-CnpsQMY5UhpQhwSg99vh4bV60J7ROSUJnLe0qS8laaXgu2EVDngcZi-MmxeA1ymqjQET4md8V25usplTphTFZcKjq-Te6l2d8_G2f7DksT9JXsL_B71xIm62j8h6b1XUyDA.NFFF9wjPHVybsCyUSj7hd_S2K4TBULIqUVi_NAUhdIk&dib_tag=se&key
```

```
link = links[0].get('href')
```

```
product_list = "https://amazon.in" + link
```

```
url = product_list
clean_url = url.strip("")
print(clean_url)
```

```
https://amazon.in/HP-Pavilion-i5-1335U-Laptop-Touchscreen/dp/B0CJ2KWNQ/ref=sr\_1\_1?dib=eyJ2IjoMSJ9.Idvdt\_UXS2\_-E6IS9-yikQp2M
```