

Materia:

Plataformas Digitales de Negocio

Docente:

Ing. Guillermo Valarezo

Curso:

GIG-S-MA-4-1

Tarea:

Seguir Tutorial

Estudiante:

Bryan Alberto Revelo Yagual

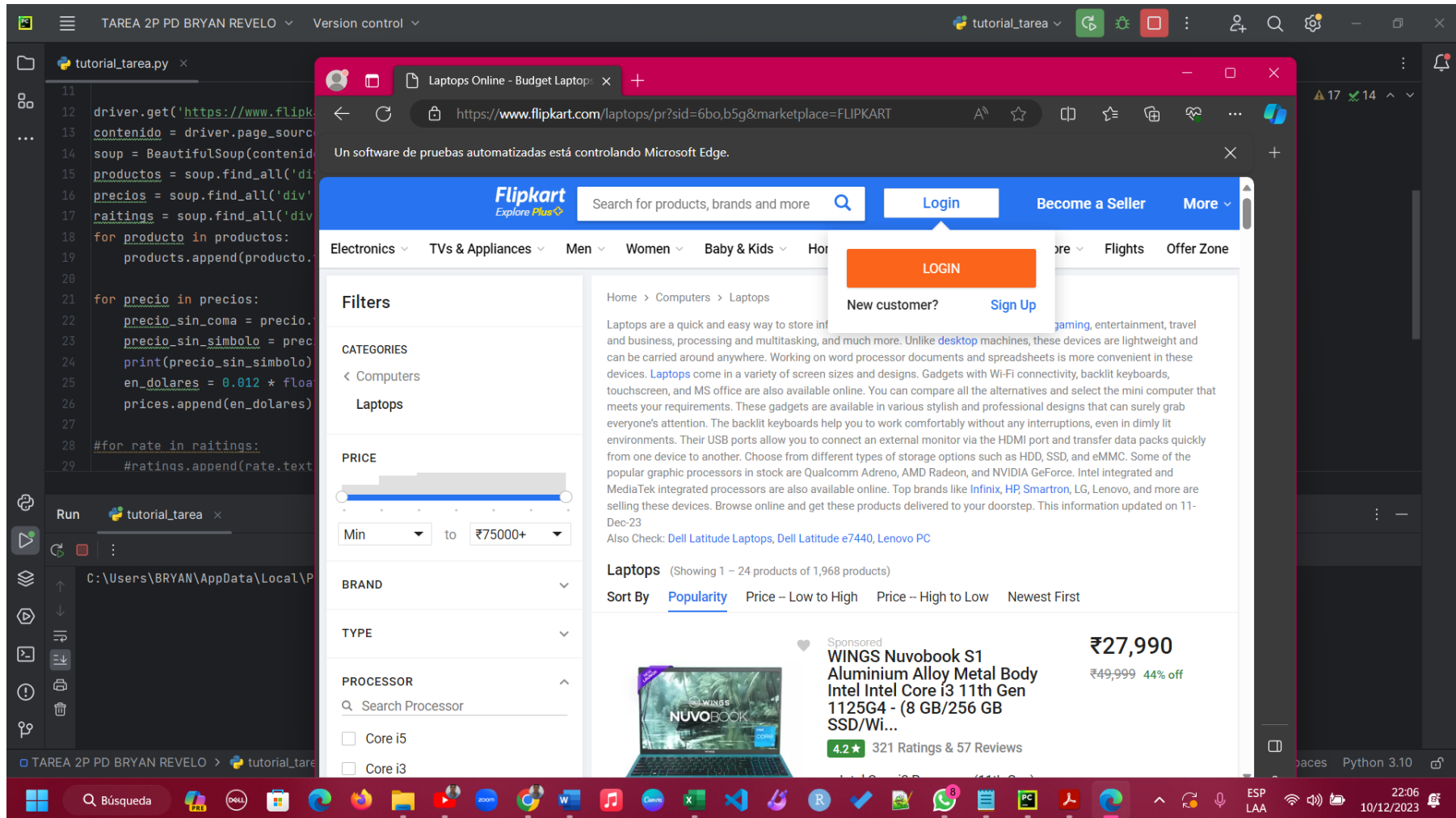
Ciclo:

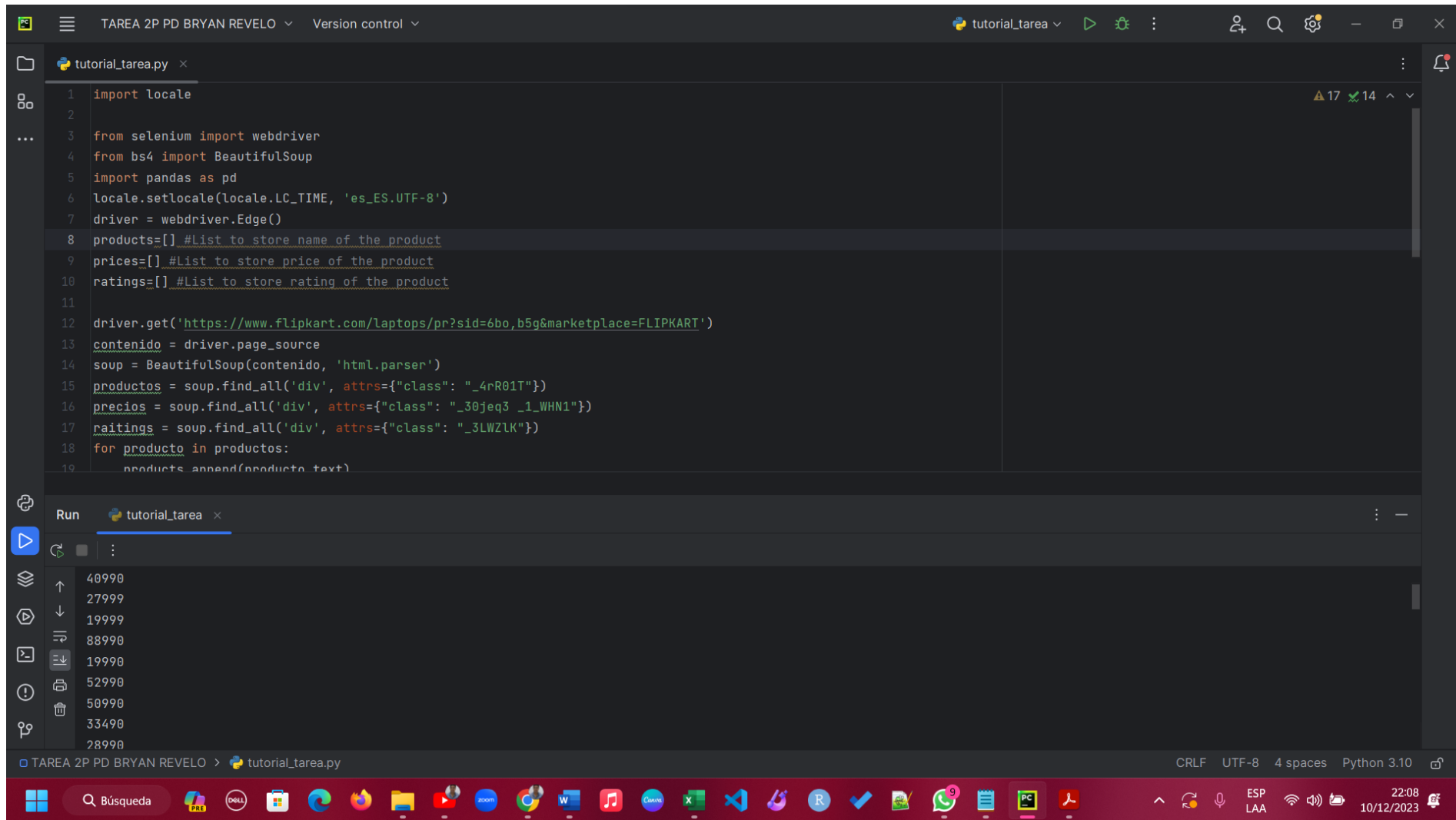
2023-2024-CII

Fecha:

10 de Diciembre del 2023

SCREENSHOT





The image shows a Visual Studio Code editor window with a Python file named `tutorial_tarea.py`. The script is designed to scrape product information from a Flipkart page. It uses Selenium to interact with a web browser and BeautifulSoup to parse the HTML content. The script extracts product names, prices, and ratings, and stores them in lists. The output of the script is displayed in the Run console.

```
1 import locale
2
3 from selenium import webdriver
4 from bs4 import BeautifulSoup
5 import pandas as pd
6 locale.setlocale(locale.LC_TIME, 'es_ES.UTF-8')
7 driver = webdriver.Edge()
8 products=[] #List to store name of the product
9 prices=[] #List to store price of the product
10 ratings=[] #List to store rating of the product
11
12 driver.get('https://www.flipkart.com/laptops/pr?sid=6bo,b5g&marketplace=FLIPKART')
13 contenido = driver.page_source
14 soup = BeautifulSoup(contenido, 'html.parser')
15 productos = soup.find_all('div', attrs={"class": "_4rR01T"})
16 precios = soup.find_all('div', attrs={"class": "_30jeq3 _1_WHN1"})
17 raitings = soup.find_all('div', attrs={"class": "_3LWZLK"})
18 for producto in productos:
19     products.append(producto.text)
```

The Run console shows the output of the script, which is a list of product names and prices:

```
40990
27999
19999
88990
19990
52990
50990
33490
28990
```

The status bar at the bottom indicates the file encoding is UTF-8, the line ending is CRLF, and the Python version is 3.10. The system tray at the bottom shows the date and time as 10/12/2023, 22:08.

Autoguardado products Buscar

Bryan REVELO YAGUAL

Archivo Inicio Insertar Disposición de página Fórmulas Datos Revisar Vista Automatizar Ayuda Comentarios Compartir

Portapapeles Fuente Calibri 11 Alineación Número General

Formato condicional Dar formato como tabla Estilos de celda Insertar Eliminar Formato Ordenar y filtrar Buscar y seleccionar

Complementos Analizar datos

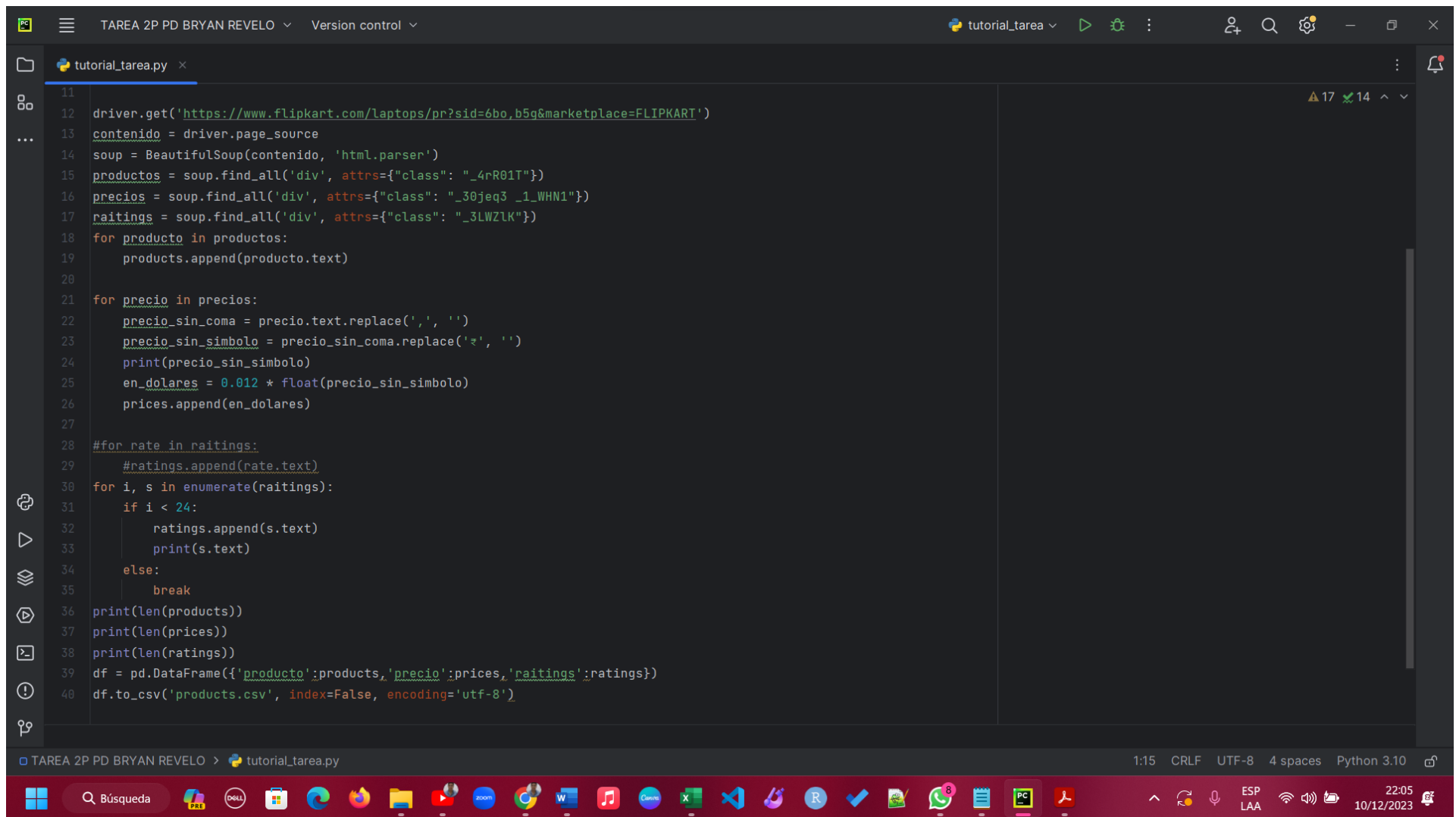
E3

	A	B	C	D	E	F	G	H	I	J
1	producto	precio	raatings							
2	WINGS Nuvobook S1 Aluminium Alloy Metal Body Intel Intel Core i3 11th Gen 1125G4 - (8 GB/256 GB SSD/Wi...	335.88	4.2							
3	Lenovo IdeaPad Slim 3 Intel Core i5 11th Gen 1135G7 - (16 GB/512 GB SSD/Windows 11 Home) 15ITL6 Thin a...	491.88	4.2							
4	ASUS Vivobook 15 Intel Core i3 11th Gen 1115G4 - (8 GB/256 GB SSD/Windows 11 Home) X515EA-EJ312W Thin ...	335.988	4.3							
5	ASUS Vivobook Go 15 Intel Celeron Dual Core N4020 - (8 GB/256 GB SSD/Windows 11 Home) E510MA-EJ011WS T...	239.988	4.1							
6	APPLE 2022 MacBook AIR Apple M2 - (8 GB/256 GB SSD/Mac OS Monterey) MLY33HN/A	1067.88	4.7							
7	Lenovo IdeaPad Slim 1 Intel Celeron Dual Core N4020 - (8 GB/256 GB SSD/Windows 11 Home) 14IGL7 Thin an...	239.88	4							
8	HP Pavilion (2023) Eyesafe AMD Ryzen 5 Hexa Core 5625U - (16 GB/512 GB SSD/Windows 11 Home) 14-EC1019A...	635.88	4.4							
9	ZEBRONICS Pro Series Z Intel Core i7 12th Gen 1255U - (16 GB/512 GB SSD/Windows 11 Home) ZEB-NBC 5S Th...	611.88	4.2							
10	HP 2023 AMD Ryzen 3 Dual Core 3250U - (8 GB/512 GB SSD/Windows 11 Home) 15s- eq1580AU Thin and Light L...	401.88	4							
11	Lenovo Intel Core i7 12th Gen 1255U - (16 GB/512 GB SSD/Windows 11 Home) V15 G3 IAP Thin and Light Lap...	599.88	4.3							
12	ASUS TUF Gaming F15 - AI Powered Gaming Intel Core i5 11th Gen 11260H - (8 GB/512 GB SSD/Windows 11 Ho...	599.88	4.2							
13	WINGS Nuvobook V1 Aluminium Alloy Metal Body Intel Intel Core i5 11th Gen 1155G7 - (8 GB/512 GB SSD/Wi...	335.88	4.2							
14	MSI Modern 14 Intel Core i3 11th Gen 1115G4 - (8 GB/512 GB SSD/Windows 11 Home) Modern 14 C11M-031IN T...	347.88	4.3							
15	Acer Extensa Intel Core i3 N305 - (8 GB/512 GB SSD/Windows 11 Home) EX215-33 Notebook	347.88	4							
16	Infinix Y1 Plus Neo Intel Intel Celeron Quad Core 11th Gen JSL N5100 - (8 GB/512 GB SSD/Windows 11 Hom...	287.88	4.2							
17	ASUS Vivobook Go 15 (2023) AMD Ryzen 5 Quad Core 7520U - (8 GB/512 GB SSD/Windows 11 Home) E1504FA-NJ5...	455.88	4.2							
18	ZEBRONICS Pro Series Z Intel Core i3 12th Gen 1215U - (8 GB/512 GB SSD/Windows 11 Home) ZEB-NBC 3S Thi...	383.88	4.1							
19	WINGS Nuvobook V1 Aluminium Alloy Metal Body Intel Intel Core i5 11th Gen 1155G7 - (8 GB/512 GB SSD/Wi...	335.88	4.2							
20	HP 2023 AMD Athlon Dual Core 3050U - (8 GB/512 GB SSD/Windows 11 Home) 15s-ey1509AU Thin and Light Lap...	359.88	4.2							
21	Infinix INBook Y1 Plus Intel Intel Core i3 10th Gen 1005G1 - (8 GB/512 GB SSD/Windows 11 Home) XL28 Th...	311.88	4.7							
22	MSI Bravo 15 AMD Ryzen 5 Hexa Core 7535HS - (8 GB/512 GB SSD/Windows 11 Home/4 GB Graphics/AMD Radeon ...	635.88	4.3							
23	Lenovo IdeaPad Slim 3 Intel Core i3 11th Gen - (8 GB/256 GB SSD/Windows 11 Home) 15ITL6 Thin and Light...	383.88	4.2							
24	APPLE 2022 MacBook AIR Apple M2 - (8 GB/256 GB SSD/Mac OS Monterey) MLY13HN/A	1115.88	4							
25	HP AMD Ryzen 5 Hexa Core 5500U - (16 GB/512 GB SSD/Windows 11 Home) 15s- eq2182AU Thin and Light Lapto...	524.616	5							
26										
27										
28										

products

Listo Accesibilidad: No disponible 100 %

Búsqueda



```
11
12 driver.get('https://www.flipkart.com/laptops/pr?sid=6bo,b5g&marketplace=FLIPKART')
13 contenido = driver.page_source
14 soup = BeautifulSoup(contenido, 'html.parser')
15 productos = soup.find_all('div', attrs={"class": "_4rR01T"})
16 precios = soup.find_all('div', attrs={"class": "_30jeq3 _1_WHN1"})
17 raitings = soup.find_all('div', attrs={"class": "_3LWZlK"})
18 for producto in productos:
19     products.append(producto.text)
20
21 for precio in precios:
22     precio_sin_coma = precio.text.replace(',', '')
23     precio_sin_simbolo = precio_sin_coma.replace('₹', '')
24     print(precio_sin_simbolo)
25     en_dolares = 0.012 * float(precio_sin_simbolo)
26     prices.append(en_dolares)
27
28 #for rate in raitings:
29     #ratings.append(rate.text)
30 for i, s in enumerate(raitings):
31     if i < 24:
32         ratings.append(s.text)
33         print(s.text)
34     else:
35         break
36 print(len(products))
37 print(len(prices))
38 print(len(ratings))
39 df = pd.DataFrame({'producto':products,'precio':prices,'raitings':ratings})
40 df.to_csv('products.csv', index=False, encoding='utf-8')
```

TAREA 2P PD BRYAN REVELO > tutorial_tarea.py

1:15 CRLF UTF-8 4 spaces Python 3.10

Búsqueda PRE DELL 8

ESP LAA 22:05 10/12/2023

Repositorio: https://github.com/imbryanrevelo/Tutorial_PDN