Web Scrapper Code Examples:

Team TBD

Top deck of the code

Links to each site used

Importational stuff.

```
from bs4 import BeautifulSoup
import requests
from csv import writer

URL = "https://www.jaycar.com.au/search?text=electronic&CSRFToken=33faf647-bcfb-43cd-97cd-df9dd2c7db19"
URL2 = "https://www.centrecom.com.au/laptops"
URL3 = "https://www.thegoodguys.com.au/phones-and-wearables/mobile-phones"
URL4 = "https://www.jw.com.au/laptop-computers"
URL5 = "https://www.mobileciti.com.au/mobile-phones"


page = requests.get(URL)
page2 = requests.get(URL2)
page3 = requests.get(URL3)
page4 = requests.get(URL4)
page5 = requests.get(URL5)
```

The functions that grab the site proper

Body of the code

Using BeautifulSoup to sort through the code

```
soup = BeautifulSoup(page.content, "html.parser")
sections = soup.find_all('div', class_="productGridItem")

with open("showoff.csv", "w", encoding="utf8", newline='') as f:
    thewriter = writer(f)
    header = ["Title", "Price"]
    thewriter.writerow(header)

    for info in sections:
        title = info.find("div", class_="details").text.strip()
        price = info.find("div", class_="ps_price_container").text.strip().replace("\r", "").replace("\n", "").re

        results = [title, price]
        thewriter.writerow(results)


soup2 = BeautifulSoup(page2.content, "html.parser")
sections2 = soup2.find_all('div', class_="prbox_box")

with open("showoff.csv", "a", encoding="utf8", newline='') as f:
    thewriter = writer(f)

    for info in sections2:
        title = info.find("div", class_="prbox_name").text.strip().replace('"', "")
        price = info.find("div", class_="saleprice").text.strip().replace('"', "").replace("'", "")

        results2 = [title, price]
        thewriter.writerow(results2)


soup3 = BeautifulSoup(page3.content, "html.parser")
sections3 = soup3.find_all('div', class_="product-tile-inner")

with open("showoff.csv", "a", encoding="utf8", newline='') as f:
    thewriter = writer(f)

    for info in sections3:
        title = info.find("h4", class_="product-tile-name").text.strip()
        price = info.find("span", class_="pricepoint-price").text.strip()

        results3 = [title, price]
        thewriter.writerow(results3)
```

This is the grab for each individual entry (changes from site to site)

Telling it to open (and save when done) the CSV

Title and price, .text and .strip() is for cleanup

Output CSV

Can be read plainy in any text editor such as notepad, Notepad++, Atom or what have you, as well as spreadsheet editors such as Excel (I'm using Google sheets)

```
1   Title,Price
2   10 Piece Spanner Set For Electronics,$24.95
3   Electronic LPG Gas Level Monitor,$19.95
4   Electronic Circuit Board Cleaner Spray Can,$11.50
5   Electronic Cleaning Solvent Spray Can,$11.50
6   698-in-1 Snap on Electronic Project Kit,$59.95
7   14-in-1 Snap-on Electronic Project Kit,$16.95
8   Burglar Alarm Snap-on Electronic Project Kit,$19.95
9   Snap On Car and Boat Electronic Kit,$39.95
10  Snap-on 80 Project Electronic Kit,$29.95
11  Instructions to suit SC2 Project 16 - Electronic Dice KJ8222,$2.50
12  Short Circuits Two Project - casino Electronic Dice,$16.95
13  Instructions to suit SC2 Project - KJ8214 Electronic Organ,$2.50
14  Short Circuits Two Project - Electronic Organ,$24.95
15  Short Circuits Three Project - Electronic Eye,$14.95
16  Independent Electronic Boost Controller Kit Back Catalogue,$49.95
17  Black Hand-held Electronic Enclosure,$25.00$9.95Save $15.05
18  How to Test Almost Everything Electronic,$54.95
19  Teach Yourself Electricity and Electronics,$69.95
20  Electronics Demystified,$44.95
21  4 Channel Electronic Antifouling Unit for Boats,"$1,329.00$1,063.00Save $266.00"
22  Lenovo V14 14 HD AMD 3020e 8GB/256GB Laptop,$639
23  HP Chromebook x360 11 G4 11.6 HD Touch + Pen Celeron N4500 Laptop,$699
24  HP Probook 440 G8 14 HD i5-1135G7 8GB DDR4 256GB Laptop,"$1,199"
25  MSI GF63 Thin 11SC 15.6 FHD 144Hz i5-11400H GTX1650 Laptop,"$1,299"
26  HP Probook 11 x360 G6 EE 11.6 HD Touch Core i3-10110Y/Windows 10 Pro MSNA Laptop - Gray,$999
27  HP ProBook 440 G8 14 HD i5-1135G7 4G LTE Business Laptop,"$1,399"
28  Asus Vivobook Pro 15 OLED M3500 15.6 FHD Ryzen 7 5800H W11H Laptop - Quiet Blue,"$1,299"
29  Asus X515JA 15.6 FHD i3-1005G1 W11H Laptop - Slate Grey,$679
30  HP ProBook 455 G9 15.6 Touch Ryzen 5 5625U 16GB/256GB LTE W11P Laptop,"$1,899"
31  MSI Prestige 14Evo A12M 14 FHD i5-1240P 16GB LPDDR4 512GB NVMe Windows 11 Home Laptop - Carbon Gray,"$1,299"
32  HP Probook 450 G9 15.6 HD i5-1235U 8GB/256GB W11P Business Laptop,"$1,449"
33  Lenovo ThinkPad L14 Gen 2 14 FHD Ryzen 5 5650U 8GB DDR4 256GB NVMe Windows 11 Pro Laptop,"$1,149"
34  Lenovo ThinkPad L14 Gen 2 14 FHD Ryzen 5 PRO 5650U 8GB/256GB W10P Laptop,"$1,065"
35  Lenovo ThinkPad L13 Gen 2 13.3 FHD i5-1135G7 Laptop,"$1,299"
36  Lenovo ThinkBook 14 P G2 14 2.2K Ryzen 5 5600H Laptop,"$1,499"
37  Lenovo V15 15.6 HD Celeron N4020 Laptop,$729
```

	A	B
1	Title	Price
2	10 Piece Spanner Set For Electronics	$24.95
3	Electronic LPG Gas Level Monitor	$19.95
4	Electronic Circuit Board Cleaner Spray Can	$11.50
5	Electronic Cleaning Solvent Spray Can	$11.50
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25	MSI GF63 Thin 11SC 15.6 FHD 144Hz i5-11400H GTX1650 Laptop	$1,299
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