Beautiful Soup Project

- João Vieira
- Manuel Monteiro
- Miguel Dias

Goals

- Extract information about Steam's video games.
- Create a JSON dataset with that information
- Use the dataset on another project of the course

Approach

- Use HTTP GET method in https://steamdb.info/sales/ which has the table with price and sales information
- For each table row we use another HTTP GET method to get more information about the game like its description, genre publisher release date etc…
- Finally with all the information we print the output to a JSON file saving it for posterior use

Examples

	Name	% ▾	Price	Rating ▾	Ends in	Started	Release
	Heroes of Hammerwatch Daily Deal new highest discount	-50%	5,99€	83.69%	20 hours	1 day ago	2 years ago
	3030 Deathwar Redux - A Space Odyssey Play For Free! lowest price is 4,94€ at -67%	-50%	7,49€	89.25%	4 days	3 days ago	3 years ago
	F1® 2019 Play For Free! lowest price is 16,49€ at -70%	-70%	16,50€	86.81%	2 days	3 days ago	10 months ago
	Secret Neighbor Play For Free! new highest discount	-50%	8,39€	83.85%	20 hours	3 days ago	6 months ago

```html
25851 <tr class="app appimg" data-appid="677120" data-cache="1588317244">
25852 <td data-sort="97">
25853 <a target="_blank" rel="noopener" href="https://store.steampowered.com/app/677120/?curator_clanid=4777282&amp;utm_source=SteamDB" class="info-icon" title="Store"></a>
25854 </td>
25855 <td class="applogo">
25856 <a target="_blank" rel="noopener" href="/app/677120/" tabindex="-1" aria-hidden="true">
25857 <img src="/static/img/applogo.svg" alt="">
25858 </a>
25859 </td>
25860 <td>
25861 <a target="_blank" rel="noopener" class="b" href="/app/677120/">Heroes of Hammerwatch</a>
25862 <span class="subinfo">
25863 <span class="category sales-daily-deal">Daily Deal</span> <span class="highest-discount-major">new highest discount</span>
25864 </span>
25865 </td>
25866 <td class="price-discount-major" data-sort="50">-50%</td>
25867 <td data-sort="599">5,99€</td>
25868 <td data-sort="83.69">83.69%</td>
25869 <td data-sort="1588611600" class="timeago"></td>
25870 <td data-sort="1588439525" class="timeago"></td>
25871 <td data-sort="1519862400" class="timeago"></td>
25872 </tr>
```

Counter-Strike: Global Offensive (CS: GO) expands upon the team-based action gameplay that it pioneered when it was launched 19 years ago. CS: GO features new maps, characters, weapons, and game modes, and delivers updated versions of the classic CS content (de_dust2, etc.).

ANÁLISES RECENTES: Muito positivas (182,576)
TODAS AS ANÁLISES: Muito positivas (4,288,555)

DATA DE LANÇAMENTO: 21 Ago, 2012

DESENVOLVEDOR: Valve, Hidden Path Entertainment
EDITORA: Valve

Marcadores populares para este produto:
Tiros em Primeira Pessoa | Jogo de Tiros | Ação | +

TÍTULO: Counter-Strike: Global Offensive
GÊNERO: Ação, Grátis para Jogar
DESENVOLVEDOR: Valve, Hidden Path Entertainment
EDITORA: Valve
DATA DE LANÇAMENTO: 21 Ago, 2012

```html
<meta name="Description" content="Counter-Strike: Global Offensive (CS: GO)
expands upon the team-based action gameplay that it pioneered when it was launched 19 years ago.
CS: GO features new maps, characters, weapons, and game modes,
and delivers updated versions of the classic CS content (de_dust2, etc.).">

<div class="details_block">
    <b>Título:</b> Counter-Strike: Global Offensive<br>
    <b>G&eacute;nero:</b>
    <a href="...">Ação</a>,
    <a href="...">
        Grátis para Jogar</a>
    <br>
    <div class="dev_row">
        <b>Desenvolvedor:</b>
        <a href="...">
            Valve
        </a>,
        <a href="...">
            Hidden Path Entertainment</a>
    </div>
    <div class="dev_row">
        <b>Editora:</b>
        <a href="...">Valve</a>
    </div>
    <b>Data de lançamento:</b> 21 Ago, 2012<br>
</div>
```

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