

UANL

UNIVERSIDAD AUTÓNOMA DE NUEVO LEÓN

FCFM

FACULTAD DE CIENCIAS FÍSICO MATEMÁTICAS



Universidad Autónoma de Nuevo León
Facultad de Ciencias Físico Matemáticas

Licenciatura en Seguridad en Tecnologías de Información

WEB SCRAPPING Y ANALISIS DE DATOS | Práctica 8

Catedrático Lic. Gerardo Bernal Carranza

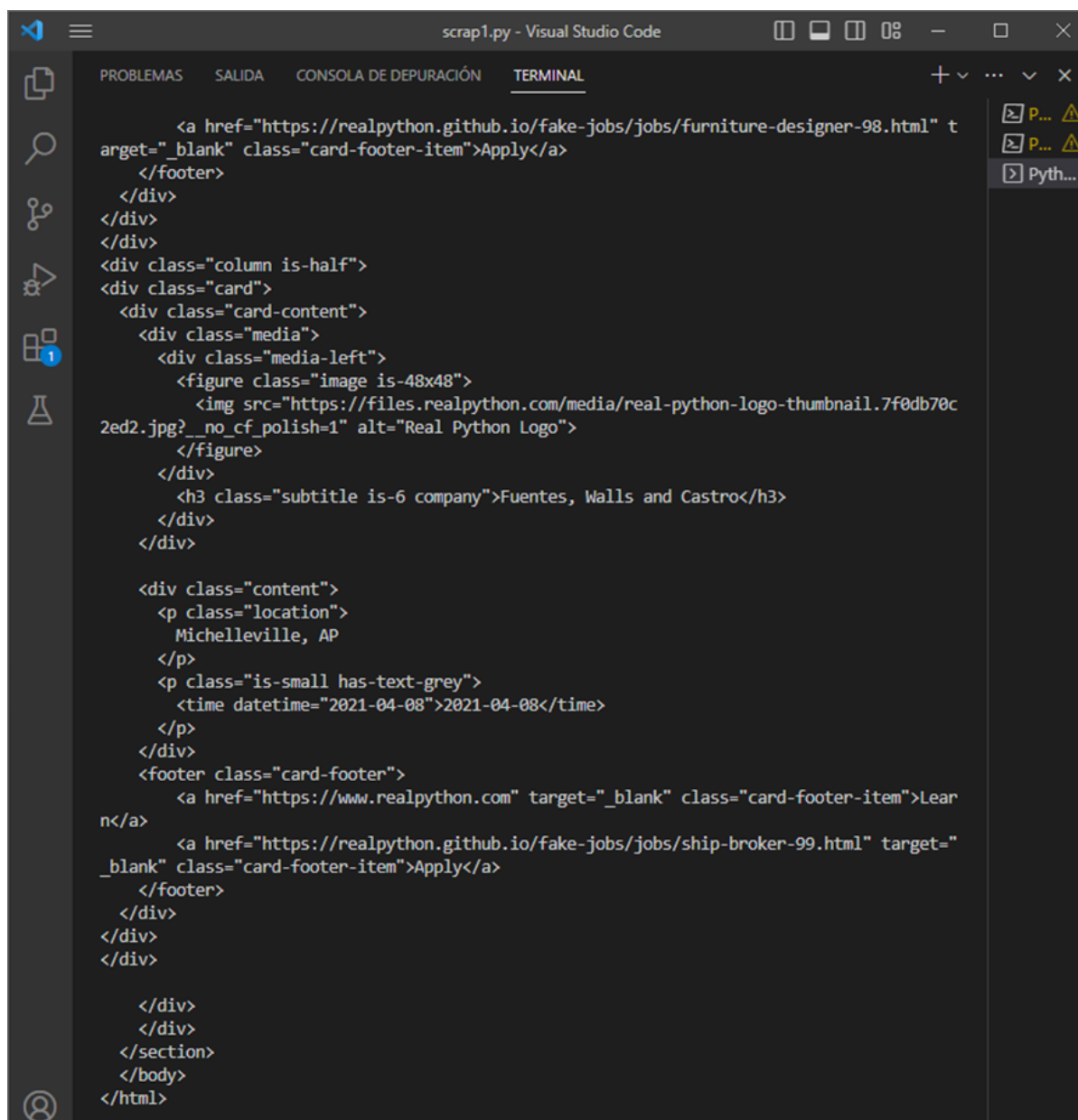
Serrano Lara Alan David

2076522

Evidencias



```
1 #Serrano Lara Alan
2 #2076522
3 #Importacion de modulos
4 import requests
5 from bs4 import BeautifulSoup
6 #Obtencion de los datos mediante peticion GET
7 URL = 'https://realpython.github.io/fake-jobs/'
8 page = requests.get(URL)
9 #Analizamos el contenido HTML con BeautifulSoup
10 soup = BeautifulSoup(page.content, 'html.parser')
11 results = soup.find(id='ResultsContainer')
12 #Formateamos la salida del objeto results de BeautifulSoup
13 print(results.prettify())
```



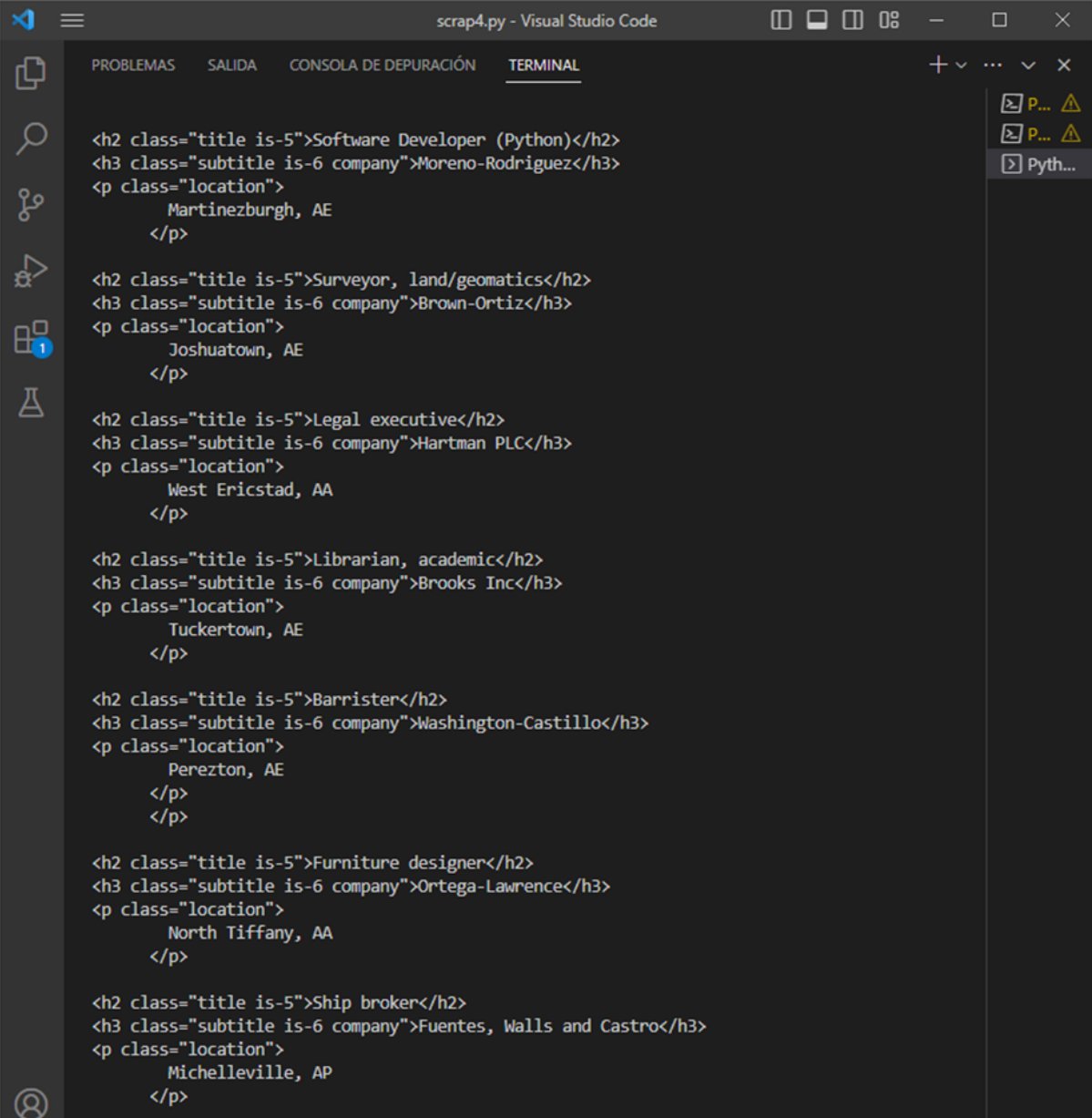

```
scrap3.py - Visual Studio Code

PROBLEMAS  SALIDA  CONSOLA DE DEPURACIÓN  TERMINAL

<p class="is-small has-text-grey">
<time datetime="2021-04-08">2021-04-08</time>
</p>
</div>
<footer class="card-footer">
<a class="card-footer-item" href="https://www.realpython.com" target="_blank">Learn</a>
<a class="card-footer-item" href="https://realpython.github.io/fake-jobs/jobs/database-administrator-97.html" target="_blank">Apply</a>
</footer>
</div>

<div class="card-content">
<div class="media">
<div class="media-left">
<figure class="image is-48x48">

</figure>
</div>
<div class="media-content">
<h2 class="title is-5">Furniture designer</h2>
<h3 class="subtitle is-6 company">Ortega-Lawrence</h3>
</div>
</div>
<div class="content">
<p class="location">
    North Tiffany, AA
  </p>
<p class="is-small has-text-grey">
<time datetime="2021-04-08">2021-04-08</time>
</p>
</div>
<footer class="card-footer">
<a class="card-footer-item" href="https://www.realpython.com" target="_blank">Learn</a>
<a class="card-footer-item" href="https://realpython.github.io/fake-jobs/jobs/furniture-designer-98.html" target="_blank">Apply</a>
</div>
<footer class="card-footer">
<a class="card-footer-item" href="https://www.realpython.com" target="_blank">Learn</a>
<a class="card-footer-item" href="https://realpython.github.io/fake-jobs/jobs/ship-broker-99.html" target="_blank">Apply</a>
</footer>
</div>
```



```
scrap4.py - Visual Studio Code

PROBLEMAS  SALIDA  CONSOLA DE DEPURACIÓN  TERMINAL

<h2 class="title is-5">Software Developer (Python)</h2>
<h3 class="subtitle is-6 company">Moreno-Rodriguez</h3>
<p class="location">
  Martinezburgh, AE
</p>

<h2 class="title is-5">Surveyor, land/geomatics</h2>
<h3 class="subtitle is-6 company">Brown-Ortiz</h3>
<p class="location">
  Joshuatown, AE
</p>

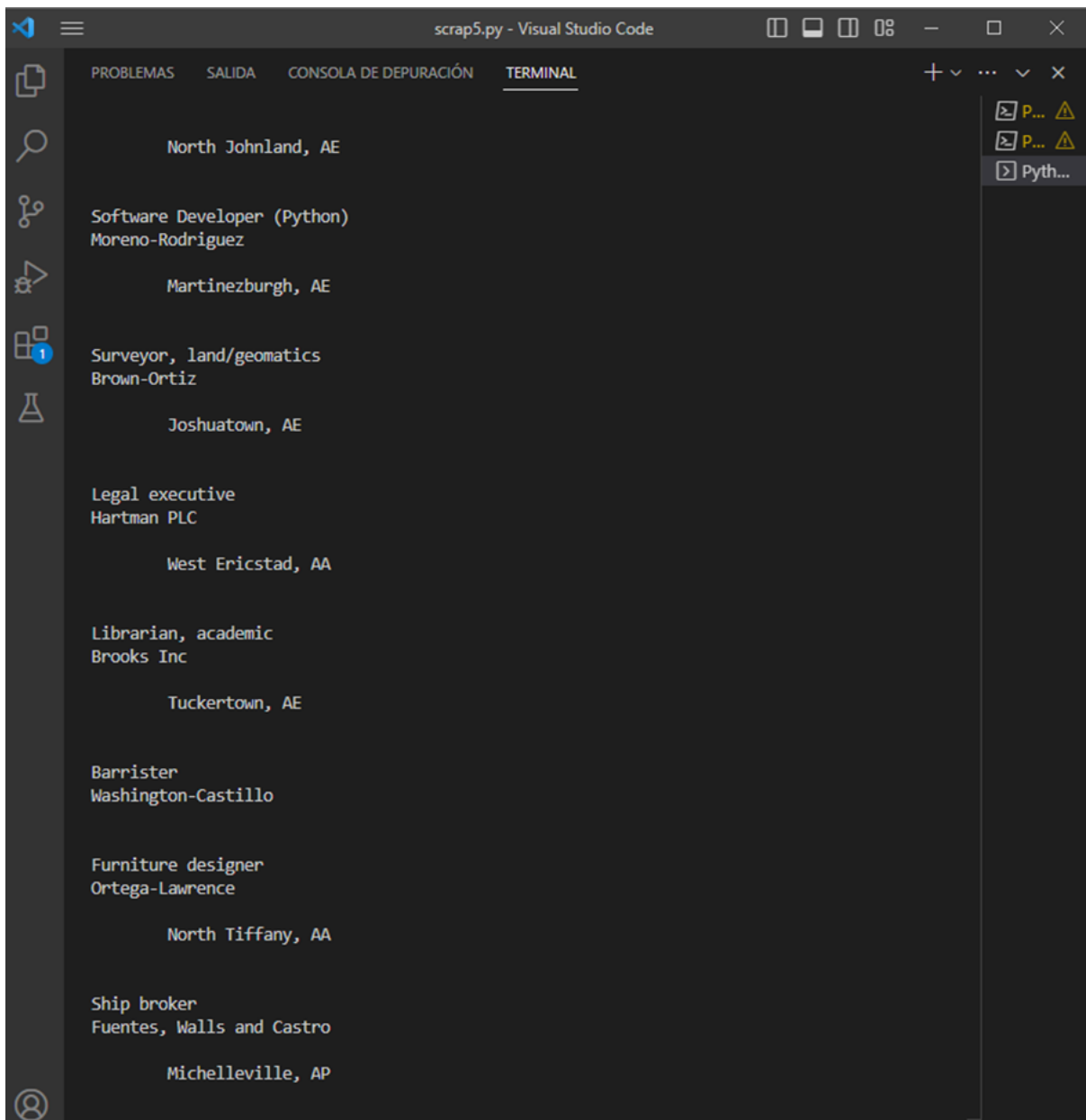
<h2 class="title is-5">Legal executive</h2>
<h3 class="subtitle is-6 company">Hartman PLC</h3>
<p class="location">
  West Ericstad, AA
</p>

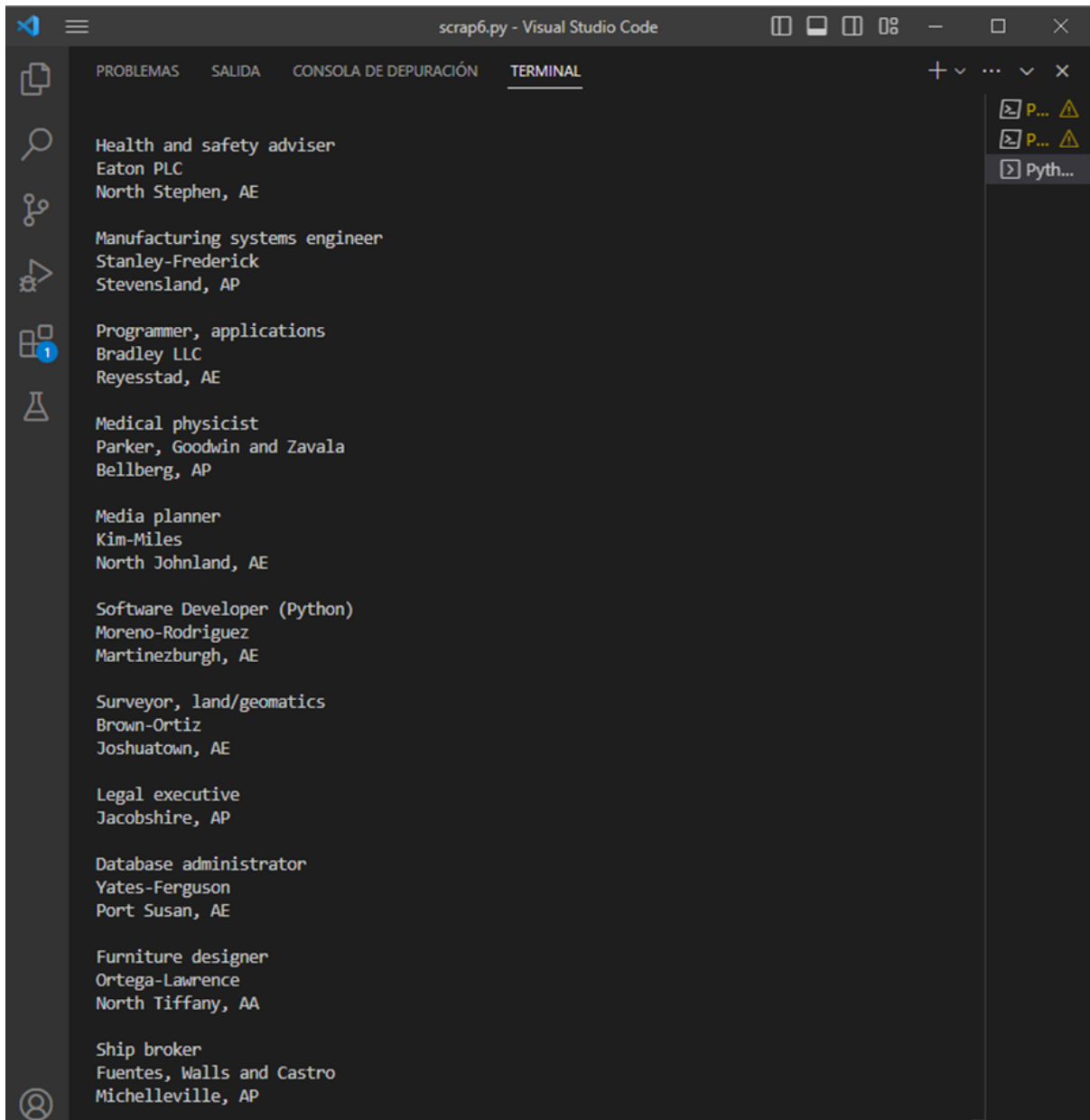
<h2 class="title is-5">Librarian, academic</h2>
<h3 class="subtitle is-6 company">Brooks Inc</h3>
<p class="location">
  Tuckertown, AE
</p>

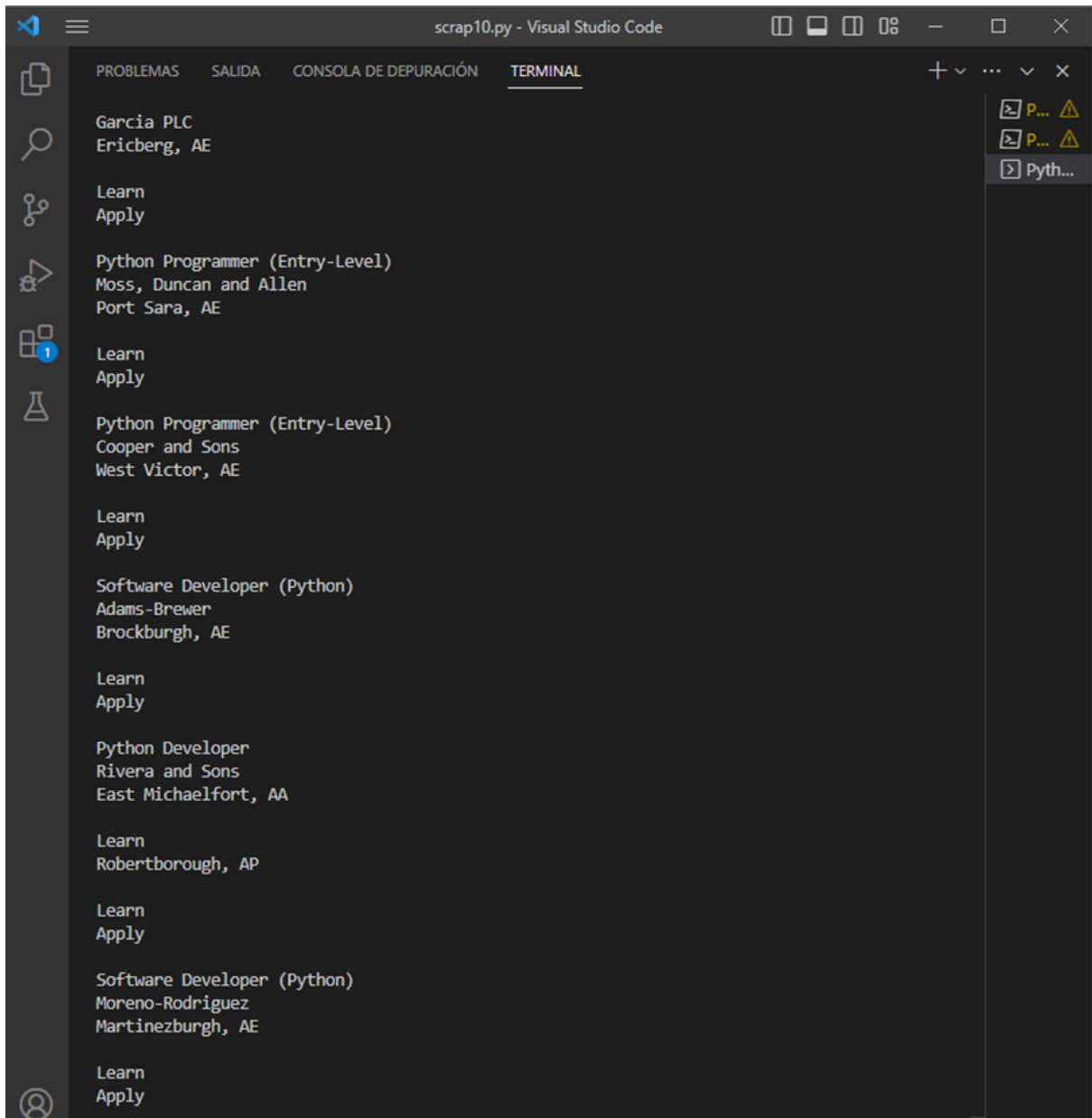
<h2 class="title is-5">Barrister</h2>
<h3 class="subtitle is-6 company">Washington-Castillo</h3>
<p class="location">
  Perezton, AE
</p>

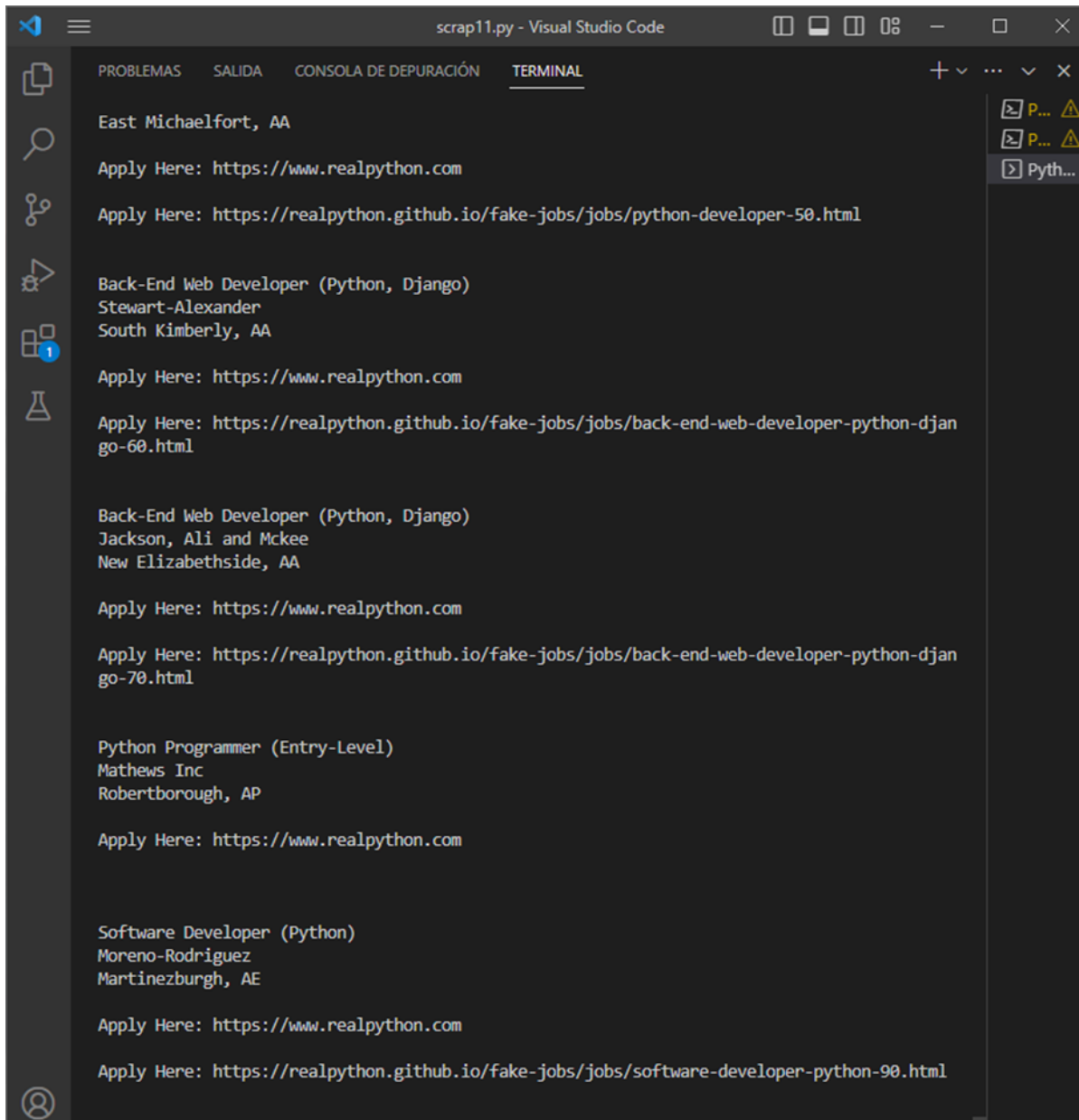
<h2 class="title is-5">Furniture designer</h2>
<h3 class="subtitle is-6 company">Ortega-Lawrence</h3>
<p class="location">
  North Tiffany, AA
</p>

<h2 class="title is-5">Ship broker</h2>
<h3 class="subtitle is-6 company">Fuentes, Walls and Castro</h3>
<p class="location">
  Michelleville, AP
</p>
```



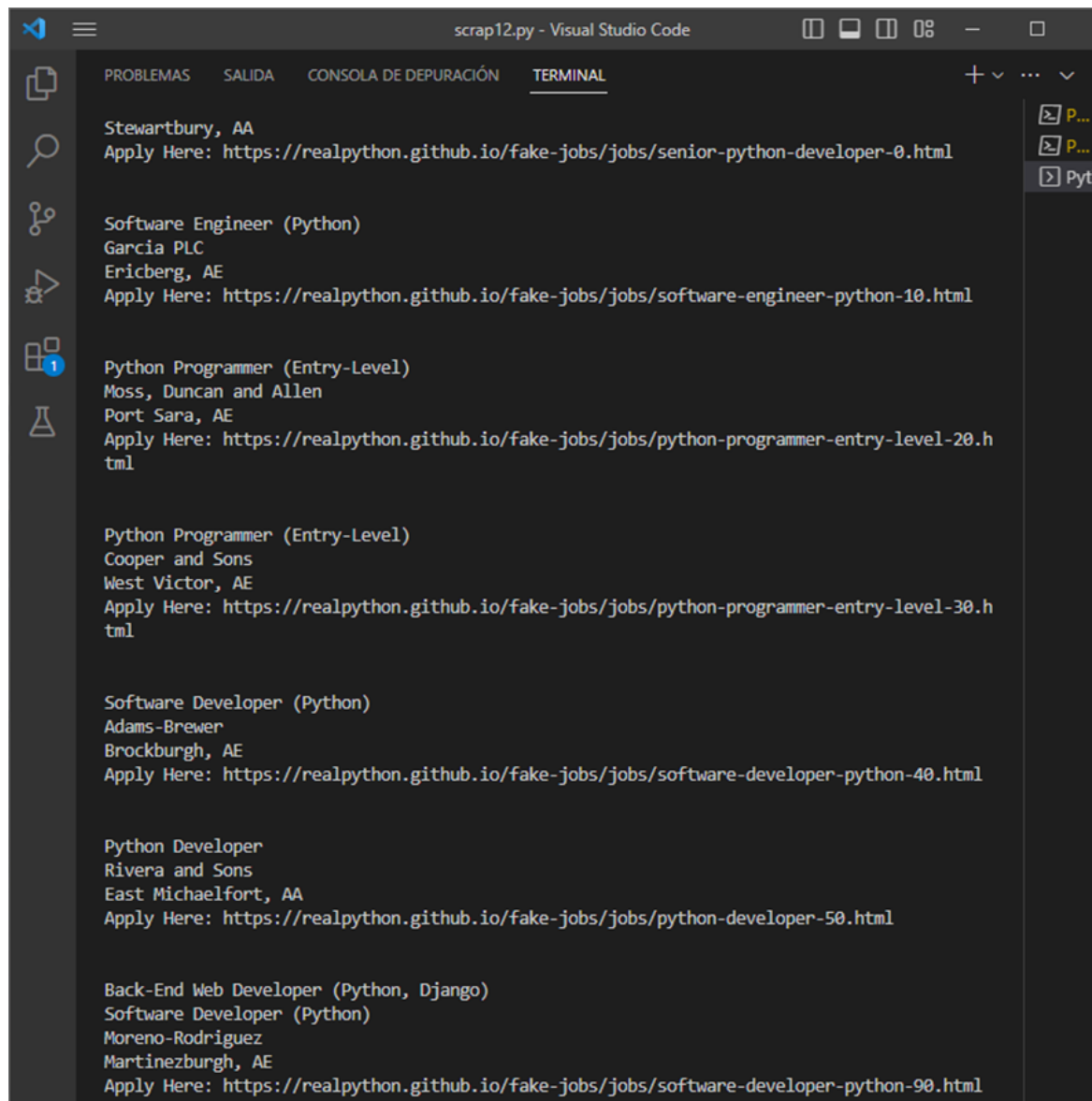






The image shows a Visual Studio Code window with a terminal open. The terminal displays a list of job postings, each with a title, company name, location, and an application link. The interface includes a sidebar with icons for Explorer, Search, Source Control, Run and Debug, and Testing. The top bar shows the file name 'scrap11.py' and the 'Visual Studio Code' title. The terminal tabs are labeled 'PROBLEMAS', 'SALIDA', 'CONSOLA DE DEPURACIÓN', and 'TERMINAL'. The output in the terminal is as follows:

```
East Michaelfort, AA  
Apply Here: https://www.realpython.com  
  
Apply Here: https://realpython.github.io/fake-jobs/jobs/python-developer-50.html  
  
Back-End Web Developer (Python, Django)  
Stewart-Alexander  
South Kimberly, AA  
Apply Here: https://www.realpython.com  
  
Apply Here: https://realpython.github.io/fake-jobs/jobs/back-end-web-developer-python-django-60.html  
  
Back-End Web Developer (Python, Django)  
Jackson, Ali and Mckee  
New Elizabethside, AA  
Apply Here: https://www.realpython.com  
  
Apply Here: https://realpython.github.io/fake-jobs/jobs/back-end-web-developer-python-django-70.html  
  
Python Programmer (Entry-Level)  
Mathews Inc  
Robertborough, AP  
Apply Here: https://www.realpython.com  
  
Software Developer (Python)  
Moreno-Rodriguez  
Martinezburgh, AE  
Apply Here: https://www.realpython.com  
  
Apply Here: https://realpython.github.io/fake-jobs/jobs/software-developer-python-90.html
```



The image shows a screenshot of the Visual Studio Code interface. The title bar at the top reads "scrap12.py - Visual Studio Code". Below the title bar, there are tabs for "PROBLEMAS", "SALIDA", "CONSOLA DE DEPURACIÓN", and "TERMINAL". The "TERMINAL" tab is active, displaying a list of job postings. The job postings are as follows:

- Stewartbury, AA
Apply Here: <https://realpython.github.io/fake-jobs/jobs/senior-python-developer-0.html>
- Software Engineer (Python)
Garcia PLC
Erichberg, AE
Apply Here: <https://realpython.github.io/fake-jobs/jobs/software-engineer-python-10.html>
- Python Programmer (Entry-Level)
Moss, Duncan and Allen
Port Sara, AE
Apply Here: <https://realpython.github.io/fake-jobs/jobs/python-programmer-entry-level-20.html>
- Python Programmer (Entry-Level)
Cooper and Sons
West Victor, AE
Apply Here: <https://realpython.github.io/fake-jobs/jobs/python-programmer-entry-level-30.html>
- Software Developer (Python)
Adams-Brewer
Brockburgh, AE
Apply Here: <https://realpython.github.io/fake-jobs/jobs/software-developer-python-40.html>
- Python Developer
Rivera and Sons
East Michaelfort, AA
Apply Here: <https://realpython.github.io/fake-jobs/jobs/python-developer-50.html>
- Back-End Web Developer (Python, Django)
Software Developer (Python)
Moreno-Rodriguez
Martinezburgh, AE
Apply Here: <https://realpython.github.io/fake-jobs/jobs/software-developer-python-90.html>

Finalizado.