QUIZ

BeautifulSoup is a Python library used for _____ websites.

Hosting

Building

Scraping

👏 Yes! We can use BeautifulSoup to get the information displayed on a website.

Adding design to

What will the following block of code print?

```python
soup = BeautifulSoup("<div class='tweet'><span>New year, new me. </span></div><div id='user'><p>MirandaRights</p></div>")

print(soup.find(id="user").get_text())
```

`<div id='user'><p>MirandaRights</p></div>`

'New year, new me. MirandaRights'

'MirandaRights'

👏 Correct! This is the text within the `user` div.

Which of these is NOT something you should do while using BeautifulSoup to scrape a website?

Make requests repeatedly until you no longer receive information

👏 Correct! You do not want to overload a website with too many requests.

Change your scraping code when the website code changes

Read the Terms and Conditions of the website

Stop making requests after you have enough information

Given the following `seuss.html` file, what would we put in the blank to print out `"Blue"`?

```
<ul>
<li class="one">Red</li>
<li class="fish">Fish</li>
<li class="two">Blue</li>
<li class="fish">Fish</li>
</ul>
```

```
soup = BeautifulSoup("seuss.html")

print(soup._____)
```

li[2].get_text()

find_all("li")[2]

find(class="two").get_text()

select(".two").get_text()

👏 Yes! This will take the list element with id `two`, which has 'Blue' as the text.

What does the following code output?

```
soup = BeautifulSoup("""
<h1>Syllabus</h1>
<div><h3>Unit 1: Variables</h3><p>Learn the basics!</p></div>
<div><h3>Unit 2: Loops</h3> <p>Repeat stuff!</p></div>
<div><h3>Unit 3: Review</h3></div>
""")

for child in soup.div.children:
    print(type(child))
```

`<class 'bs4.element.Tag'> <class 'bs4.element.NavigableString'>`

`<class 'bs4.element.Tag'>`

None of the other options

`<class 'bs4.element.Tag'> <class 'bs4.element.Tag'>`

👏 Correct! There are two tags that are children of the first `div`.

What will the following block of code print?

```python
soup = BeautifulSoup("<div class='tweet'><span>New year, new me. </span></div><div id='user'><p>MirandaRights</p></div>")

print(soup.div.get_text())
```

`<span>New year, new me. </span>`

'New year, new me. MirandaRights'

'New year, new me. '

👏 **Correct!** This is the text within the *first* div.

`<div class='tweet'><span>New year, new me. </span></div>`