

```
In [27]: > from bs4 import BeautifulSoup
import requests
```

```
In [146]: > #rqs = requests.get('https://drive.google.com/file/d/1jAq0sJqBRquog1RDN_bCQmUfM0Z56MOs/view')
readFile = open('BeautifulSoup.html','r')
```

```
In [147]: > soup = BeautifulSoup(readFile)
#soup = BeautifulSoup(url)
#soup_rqs = BeautifulSoup(rqs, 'html.parser')
#type(soup_rqs)
```

```
In [148]: > #Write a Python program to find the title tags from a given html document.
title = soup.find_all('title')
title
```

```
Out[148]: [<title>An example of HTML page</title>]
```

```
In [149]: > #Write a Python program to get the number of paragraph tags of a given html document.
#paragraph tag is p

#print(soup.find_all('p'))
count = 0
for obj in soup.find_all('p'):
    count = count + 1


count
```

```
Out[149]: 4
```

```
In [150]: > #Write a Python program to extract the text in the first paragraph tag of a given html document.

firstPara = soup.find('p')
firstPara
```

```
Out[150]: <p>
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nunc at nisi velit,
aliquet iaculis est. Curabitur porttitor nisi vel lacus euismod egestas. In hac
habitasse platea dictumst. In sagittis magna eu odio interdum mollis. Phasellus
sagittis pulvinar facilisis. Donec vel odio volutpat tortor volutpat commodo.
Donec vehicula vulputate sem, vel iaculis urna molestie eget. Sed pellentesque
adipiscing tortor, at condimentum elit elementum sed. Mauris dignissim
elementum nunc, non elementum felis condimentum eu. In in turpis quis erat
imperdiet vulputate. Pellentesque mauris turpis, dignissim sed iaculis eu,
euismod eget ipsum. Vivamus mollis adipiscing viverra. Morbi at sem eget nisl
euismod porta.</p>
```


In [181]:  *#Write a Python program to create a BeautifulSoup parse tree into a nicely formatted Unicode string,
with a separate line for each HTML/XML tag and string.*

```
formatted_string = soup.prettify()  
print(formatted_string)  
type(formatted_string)
```

```

<html>
  <head>
    <meta content="text/html;
charset=utf-8" http-equiv="Content-Type"/>
    <title>
      An example of HTML page
    </title>
  </head>
  <body>
    <h2>
      This is an example HTML page
    </h2>
    <p>
      Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nunc at nisi velit,
      aliquet iaculis est. Curabitur porttitor nisi vel lacus euismod egestas. In hac
      habitasse platea dictumst. In sagittis magna eu odio interdum mollis. Phasellus
      sagittis pulvinar facilisis. Donec vel odio volutpat tortor volutpat commodo.
      Donec vehicula vulputate sem, vel iaculis urna molestie eget. Sed pellentesque
      adipiscing tortor, at condimentum elit elementum sed. Mauris dignissim
      elementum nunc, non elementum felis condimentum eu. In in turpis quis erat
      imperdiet vulputate. Pellentesque mauris turpis, dignissim sed iaculis eu,
      euismod eget ipsum. Vivamus mollis adipiscing viverra. Morbi at sem eget nisl
      euismod porta.
    </p>
    <p>
      <a href="https://www.w3resource.com/html/HTML-tutorials.php">
        Learn HTML from
w3resource.com
      </a>
    </p>
    <p>
      <a href="https://www.w3resource.com/css/CSS-tutorials.php">
        Learn CSS from
w3resource.com
      </a>
    </p>
  </body>
</html>
<html>
  <p>
    ""
  </p>
</html>

```

Out[181]: str

In []: ▶ *# Write a Python program to remove the contents of a tag in a given html document.*

In []: ▶