✖

Reading Web Data From Python

✅ **8/8** points earned (100%)

Quiz passed!

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✔   1 / 1
points

1.
Which of the following Python data structures is most similar to the value returned in this line of Python:

```
x = urllib.urlopen('http://www.py4inf.com/code/romeo.txt')
```

✔   1 / 1
points

2.
In this Python code, which line actually reads the data?

```
import socket
mysock = socket.socket(socket.AF_INET, socket.SOCK_STREAM)
mysock.connect(('www.py4inf.com', 80))
mysock.send('GET http://www.py4inf.com/code/romeo.txt HTTP/1.0\n\n')
while True:
    data = mysock.recv(512)
    if ( len(data) < 1 ) :
        break
    print data
mysock.close()
```

✔   1 / 1
points

3.

Which of the following regular expressions would extract the URL from this line of HTML:

```
<p>Please click <a href="http://www.dr-chuck.com">here</a></p>
```

✔ 1 / 1
   points

4.

In this Python code, which line is most like the open() call to read a file:

```
import socket
mysock = socket.socket(socket.AF_INET, socket.SOCK_STREAM)
mysock.connect(('www.py4inf.com', 80))
mysock.send('GET http://www.py4inf.com/code/romeo.txt HTTP/1.0\n\n')
while True:
    data = mysock.recv(512)
    if ( len(data) < 1 ) :
        break
    print data
mysock.close()
```

✔ 1 / 1
   points

5.

Which HTTP header tells the browser the kind of document that is being returned?

✔ 1 / 1
   points

6.

What should you check before scraping a web site?

✔ 1 / 1
   points

7.

What is the purpose of the BeautifulSoup Python library?

✔ 1 / 1
   points

8.

What ends up in the "x" variable in the following code:

```
html = urllib.urlopen(url).read()
soup = BeautifulSoup(html)
x = soup('a')
```