Q6 (through Web 4: More Flask)

⚠ This is a preview of the published version of the quiz

Started: Nov 2 at 9:52am

Quiz Instructions

	Question 1	0.2 pts

Assume doc is a BeautifulSoup object created from the following HTML:

```
<ul>
  <li>S
</ul>
<ul>
  <li>T
  <li>U
  <li>V
  <li>W
</ul>
```

What integer will the following produce?

```
len(doc.find_all("ul")[1].find_all("li"))
```

	Question 2	0.1 pts

A dynamic webpage home.html must correspond to a file named home.html.

○ True

○ False

Question 3

0.1 pts

At a minimum, what does the BFS algorithm need to run?

○ a node object co_____node in the graph

○ a way to lookup _____node

○ a graph with a fir_____

Question 4

0.1 pts

Which tool supports taking screenshots of a webpage?

○ requests

○ BeautifulSoup

○ selenium

Question 5

0.1 pts

The DOM is a graph of elements on a page. What kind of graph is this? If multiple answers are correct, choose the most specific option that is true.

○ DAG

○ Tree

○ Directed Graph

○ Binary Tree

Question 6   0.1 pts

Which URL has a

○ http://127.0.0.1/h

○ http://127.0.0.1:5

○ http://127.0.0.1/hello/world.html

○ http://127.0.0.1/query.html

Question 7   0.1 pts

What URL should be visited to get back a page containing the letter "C"? Careful!

```
@my320app.route("/A")
def B():
    return 'C'

@my320app.route("/B")
def A():
    return 'D'
```

○ http://127.0.0.1:5000/A

○ http://127.0.0.1:5000/B

○ http://127.0.0.1:5000/D

○ http://127.0.0.1:5000/C

Question 8   0.2 pts

A graph search (either DFS or BFS -- we aren't saying, so you need to infer) is being performed on the following graph. The meaning of the edge thickness and highlighting is the same as in lab. The search started from node 0. What node will be visited next?

- ○ 4
- ○ 6
- ○ 3
- ○ 2
- ○ 5
- ○ 0
- ○ 1

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