QUIZ:- 08

Started on	Dienstag, 14 Dezember 2021, 9:22
State	Finished
Completed on	Dienstag, 14 Dezember 2021, 8:57
Time taken	11 hours 34 mins
Grade	**2.50** out of 4.00 (**63**%)

Question 1

Complete

Mark 1.00 out of 1.00

⚑ Flag question

Which of the following statements is/are true?

- ☑ Lazy evaluation of operations on large file collections can reduce memory requirements when you load only the part of the data that you are processing and release the memory afterwards.

- ☐ Counting the number of words in a large collection of files requires to read all files into memory at once.

- ☐ The data you work with will always fit in the memory of your computer

Question 2

Complete

Mark 1.00 out of 1.00

⚑ Flag question

Consider the following html web page stored in a python string

```
a_simple_webpage = \
"""<html>
    <head>
    </head>
    <body>
        <p>
            A paragraph
        </p>

        <p id="second_paragraph">
            Another paragraph with a

            <a href="https://de.wikipedia.org/wiki/Beuth_(Lokomotive)">link</a>
        </p>
    </body>
</html>"""

from bs4 import BeautifulSoup
soup = BeautifulSoup(a_simple_webpage, 'html.parser')
```

Which of the following python snippets extracts the text of the links on the page?

- ☐ `soup.find_all('text')['a']`

- ☑ `[l.get_text() for l in soup.find_all('a')]`

- ☐ `soup.find_all_text('a')`

Question 3

Complete

Mark 0.00 out of 1.00

⚑ Flag question

Which of the following statements is/are true?

- ☐ You can retrieve the content of a webpage like this:

  ```
  import requests
  url = "https://de.wikipedia.org/wiki/Beuth_(Lokomotive)"

  requests.get(url).content
  ```

- ☑ If the response code of a server is 200 the request to the server was successfully received, understood, and accepted.

- ☑ If the response code of a server is 400 the server failed to fulfill an apparently valid request.

Which of the following statements are/is true?

☐ If you only scrape a minor part of a data base for research purposes, it is legal as long as you do not circumvent technical barriers.

☑ *Database Producers* (shopping portals, rating portals, ...) have exclusive right to:

- Reproduce
- Distribute
- Publicly display

their data.

☐ German national legislation applies to all webpages worldwide.