

Started on	Friday, April 6, 2018, 4:38 AM
State	Finished
Completed on	Friday, April 6, 2018, 4:57 AM
Time taken	18 mins 46 secs
Grade	60.00 out of 60.00 (100%)

### Question 1

Complete

4.00 points out of  
4.00

What Python method can be used to get the payloads from an email?

Select one:

- ☐ a. payload()
- ☐ b. email\_payload()
- ☐ c. get\_params
- ☒ d. get\_payload()

### Question 2

Complete

4.00 points out of  
4.00

What information can be retrieved from the message in the notebook code:

```
[att for att in dir(msg) if '__' not in att]
```

Select one:

- ☐ a. Whether the message has multiple parts.
- ☐ b. The message headers.
- ☐ c. Whether the message is spam or ham.
- ☒ d. The message methods and attributes.

### Question 3

Complete

4.00 points out of  
4.00

According to wikipedia, which of the following is not a field that the email message header must include?

Select one:

- ☒ a. Text
- ☐ b. From
- ☐ c. Date
- ☐ d. Content-Type
- ☐ e. To

**Question 4**

Complete

4.00 points out of  
4.00

Which of the following is NOT a member of the family of popular mbox formats?

Select one:

- ☐ a. mboxo
- ☐ b. mboxcl
- ☒ c. mboxe
- ☐ d. mboxcl2
- ☐ e. mboxrd

**Question 5**

Complete

4.00 points out of  
4.00

What Python method can be used to see if an email contains multiple parts?

Select one:

- ☒ a.  
`is_multipart()`
- ☐ b.  
`multipart()`
- ☐ c.  
`multi_part()`
- ☐ d.  
`is_multi()`

**Question 6**

Complete

4.00 points out of  
4.00

What credentials will be needed to authenticate our application with Twitter?

Select one:

- ☐ a. OAuth\_verifier, Request\_token, OAuthHandler
- ☐ b. Query, Streamer, Twitter
- ☐ c. Request token, Customer token
- ☒ d. Access Token, Access Token Secret, Consumer Key, Consumer Secret

**Question 7**

Complete

4.00 points out of  
4.00

In order to collect data from Twitter, you first need to register a new application.

Select one:

- ☒ a. Yes
- ☐ b. No

**Question 8**

Complete

4.00 points out of  
4.00

For a web application using tweepy to access twitter, which method can we use to obtain a verifier value from a callback request?

Select one:

- ☐ a.  
`session.GET.set()`
- ☐ b.  
`request.GET.set()`
- ☐ c.  
`session.GET.get()`
- ☒ d.  
`request.GET.get()`

**Question 9**

Complete

4.00 points out of  
4.00

Which function in tweepy does Twitter provide has the capability to search for specific tweets ?

Select one:

- ☐ a. searchfor
- ☐ b. create\_saved\_search
- ☒ c. search
- ☐ d. favorites
- ☐ e. create\_list

**Question 10**

Complete

4.00 points out of  
4.00

Which format does the NLTK.twitter.Twitter Query client use for encoding tweets?

Select one:

- ☐ a. tuple
- ☐ b. list
- ☒ c. dictionary
- ☐ d. JSON

**Question 11**

Complete

4.00 points out of  
4.00

How might the administrator of a website stop or slow a bot to prevent web scraping?

Select one or more:

- ☒ a. Locating bots with a honeypot or other method to identify the IP addresses of automated crawlers.
- ☒ b. Blocking an IP address either manually or based on criteria such as geolocation and DNSRBL.
- ☒ c. Disabling any web service API that the website's system might expose.
- ☒ d. Websites can declare if browsing is allowed in the robots.txt file.

**Question 12**

Complete

4.00 points out of  
4.00

Using the requests library, how could we grab the webpage as HTML? Suppose the webpage address is named as "url".

Select one:

- ☐ a.  
`requests.get(url)`
- ☒ b.  
`requests.get(url).content`
- ☐ c.  
`url.content()`
- ☐ d.  
`requests.get(url).content()`

**Question 13**

Complete

4.00 points out of  
4.00

Given the BeautifulSoup library is imported and the webpage is grabbed and named as "html", how can we create BeautifulSoup object?

```
from bs4 import BeautifulSoup
```

Select one:

☒

a.

```
BeautifulSoup(html, 'lxml')
```

☐

b.

```
BeautifulSoup.html
```

☐

c.

```
BeautifulSoup(soup, html)
```

☐

d.

```
BeautifulSoup(html, soup)
```

**Question 14**

Complete

4.00 points out of  
4.00

Which of the following is an equivalent way to get the content of a webpage using urllib2 library instead of requests library? Suppose the webpage address is named as "url".

Select one:

☐

a.

`urllib2.get(url).content`☐

b.

`url.content()`☐

c.

`urlopen.read(url)`☒

d.

`urlopen(url).read()`**Question 15**

Complete

4.00 points out of  
4.00

After we've found a HTML table, which tag should we look for to grab every row of the table using BeautifulSoup find\_all()?

Select one:

☐

a. tbody

☐

b. row

☒

c. tr

☐

d. td