

1. Who is credited with the REST approach to web services? 1 point

- ☐ Bjarne Stroustrup
- ☒ Roy Fielding
- ☐ Leonard Klienrock
- ☐ Vint Cerf
- ☐ Daphne Koller

2. What Python library do you have to import to parse and handle JSON? 1 point

- ☐ ElementTree
- ☒ import json
- ☐ import re
- ☐ BeautifulSoup

3. What is the method used to parse a string containing JSON data so that you can work with the data in Python? 1 point

- ☒ json.loads()
- ☐ json.connect()
- ☐ json.parse()
- ☐ json.read()

4. What kind of variable will you get in Python when the following JSON is parsed: 1 point

```
1 { "id" : "001",
2   "x" : "2",
3   "name" : "Chuck"
4 }
```

- ☐ A list with three items
- ☐ A list of tuples
- ☒ A dictionary with three key / value pairs
- ☐ A list with six items
- ☐ A tuple with three items

5. Which of the following is *not* true about the service-oriented approach? 1 point

- ☐ An application makes use of the services provided by other applications
- ☒ An application runs together all in one place
- ☐ Web services and APIs are used to transfer data between applications
- ☐ Standards are developed where many pairs of applications must work together

6. Which of these two web service approaches is preferred in most modern service-oriented applications? 1 point

- ☒ REST - Representational state transfer
- ☐ SOAP - Simple Object Access Protocol

7. What library call do you make to append properly encoded parameters to the end of a URL like the following: 1 point

```
1 http://maps.googleapis.com/maps/api/geocode/json?sensor=false&address=Ann+Arbor%2C+MI
```

- ☒ urllib.parse.urlencode()
- ☐ urllib.urlcat()
- ☐ re.match()
- ☐ re.encode()

8. What happens when you exceed the Google geocoding API rate limit? 1 point

- ☐ The API starts to perform very slowly
- ☒ You cannot use the API for 24 hours
- ☐ You cannot use the API until you respond to an email that contains a survey question
- ☐ Your application starts to perform very slowly

9. What protocol does Twitter use to protect its API? 1 point

- ☐ SOAP
- ☐ Java Web Tokens
- ☐ PKI-HMAC
- ☒ OAuth
- ☐ SHA1-MD5
- ☐ WS*Security

10. What header does Twitter use to tell you how many more API requests you can make before you will be rate limited? 1 point

- ☐ x-request-count-down
- ☐ x-max-requests
- ☐ content-type
- ☒ x-rate-limit-remaining

Coursera Honor Code [Learn more](#)

☐ I, **Thomas AWOUNFOUET NGOUFACK**, understand that submitting work that isn't my own may result in permanent failure of this course or deactivation of my Coursera account.

Submit

Save draft