Assignment 9

The due date for submitting this assignment has passed. Due on 2020-04-01, 23:59 IST. As per our records you have not submitted this assignment.

1) The isalpha() function in NLTK
   - returns true if all the words in a sentence are composed of alphabetic characters and false otherwise
   - returns true if all the characters in a word are alphabets and false otherwise
   - returns true if all the characters in a word are alphabets or numerics and false otherwise
   - None of the above

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   returns true if all the characters in a word are alphabets and false otherwise

2) Predict the output

   ```python
   my_para="i am to go to KT in A"
   print(list(my_para))
   ```

   - ['i', ' ', 'a', 'm', ' ', 't', 'o', ' ', 'g', 'o', ' ', 't', 'o', ' ', 'K', 'T', ' ', 'i', 'n', ' ', 'A']
   - ['i', 'a', 'm', 't', 'o', 'g', 'o', 't', 'o', 'K', 'T', 'i', 'n', 'A']
   - ['i', 'am', 'to', 'go', 'to', 'KT', 'in', 'A']
   - ['i', ' ', 'am',' ', 'to',' ', 'go',' ', 'to',' ', 'KT',' ', 'in',' ', 'A']

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   ['i', ' ', 'a', 'm', ' ', 't', 'o', ' ', 'g', 'o', ' ', 't', 'o', ' ', 'K', 'T', ' ', 'i', 'n', ' ', 'A']

3) Which of the following is a valid function in NLTK?
   - None of the above

   - The isalpha() function in NLTK

   - The isalpha() function in NLTK

   - The isalpha() function in NLTK

   - The isalpha() function in NLTK

   - The isalpha() function in NLTK

   - The isalpha() function in NLTK

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   The isalpha() function in NLTK
Natural Language Processing - Author Stylometry - Part 01 (unit? unit=164&lesson=166)

Natural Language Processing - Author Stylometry - Part 02 (unit? unit=164&lesson=167)

Natural Language Processing - Author Stylometry - Part 03 (unit? unit=164&lesson=168)

Natural Language Processing - Author Stylometry - Part 04 (unit? unit=164&lesson=169)

Natural Language Processing - Author Stylometry - Part 05 (unit? unit=164&lesson=170)

Natural Language Processing - Author Stylometry - Part 06 (unit? unit=164&lesson=171)

Natural Language Processing - Author Stylometry - Part 07 (unit? unit=164&lesson=172)

Natural Language Processing - Author Stylometry - Part 08 (unit? unit=164&lesson=173)

- freq_dist()
- frequency_distribution()
- FreqDist()
- freqDist()

No, the answer is incorrect.
Score: 0
Accepted Answers:
FreqDist()

4) Predict the output

```python
import networkx as nx
G=nx.gnp_random_graph(100,1)
print(nx.is_connected(G))
```

- True
- False
- "connected"
- can not say

No, the answer is incorrect.
Score: 0
Accepted Answers:
True

5) Which of the following functions when applied to a graph G in networkx will give you its degree of separation?

- is_connected(G)
- order(G)
- diameter(G)
- None of the above

No, the answer is incorrect.
Score: 0
Accepted Answers:
None of the above

6) What is the degree of separation of the following network?

![Network Diagram]

- 1
7) What is the degree of separation of the following network?

![Network Diagram]

- 1.333
- 2
- 2.333
- 6

No, the answer is incorrect.
Score: 0
Accepted Answers: 2.333

8) What is the degree of separation of the following network?

![Network Diagram]

- 1
- 2.5
- 3.5
- 4
No, the answer is incorrect.
Score: 0
Accepted Answers:
2.5

9) What is the degree of separation of the following network?

1.82
2.5
2.82
3

No, the answer is incorrect.
Score: 0
Accepted Answers:
2.82

Degree of separation of a network is same as its

- Order
- Size
- Average shortest path length
- Number of components

No, the answer is incorrect.
Score: 0
Accepted Answers:
Average shortest path length