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Unit 11 - Week 9

Course outline

How does an NPTEL online course work?

Week 0

Week 1

Week 2

Week 3

week 4

Week 5

Week 6

Week 7

Week 8

Week 9

- Natural Language Processing - Author Stylometry (unit? unit=164&lesson=165)

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 1 point

- 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 1 point

```
1 my_para=" i am to go to KT in A"
2 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', 'KT', '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? 1 point

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

```
1 import networkx as nx
2 G=nx.gnp_random_graph(100,1)
3 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? **1 point**

- 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? **1 point**



- 1

Natural Language Processing - Author Stylometry - Part 09 (unit? unit=164&lesson=174)

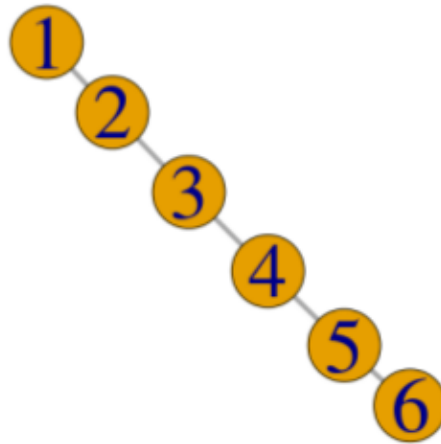
- 2
- 3
- 4

No, the answer is incorrect.
Score: 0
Accepted Answers:
1

Natural Language Processing - Author Stylometry - Part 10 (unit? unit=164&lesson=175)

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

1 point



Introduction to Networkx - Part 01 (unit? unit=164&lesson=176)

Introduction to Networkx - Part 02 (unit? unit=164&lesson=177)

Six Degrees of Separation : Meet your favourites (unit? unit=164&lesson=178)

- 1.333
- 2
- 2.333
- 6

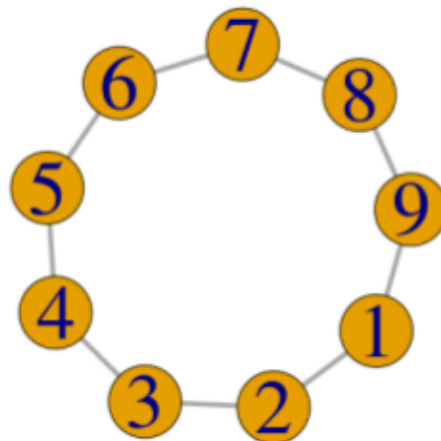
No, the answer is incorrect.
Score: 0
Accepted Answers:
2.333

Six Degrees of Separation : Meet your favourites - Part 01 (unit? unit=164&lesson=179)

Six Degrees of Separation : Meet your favourites - Part 02 (unit? unit=164&lesson=180)

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

1 point



Six Degrees of Separation : Meet your favourites - Part 03 (unit? unit=164&lesson=181)

Area Calculation - Don't Measure (unit? unit=164&lesson=182)

Area Calculation - Don't Measure - Part 01 (unit? unit=164&lesson=183)

- 1
- 2.5
- 3.5
- 4

- Part 02 (unit? unit=164&lesson=184)

Area Calculation
- Don't Measure
- Part 03 (unit? unit=164&lesson=185)

Area Calculation
- Don't Measure
- Part 04 (unit? unit=164&lesson=186)

Area Calculation
- Don't Measure
- Part 05 (unit? unit=164&lesson=187)

Area Calculation
- Don't Measure
- Part 06 (unit? unit=164&lesson=188)

Quiz :
Assignment 9
(assessment? name=285)

Programming
Assignment 1:
Swap the Case
(/noc20_cs35/progassignment? name=311)

Programming
Assignment-2:
First and Last
(/noc20_cs35/progassignment? name=312)

Programming
Assignment 3:
Rotate the
matrix
(/noc20_cs35/progassignment? name=313)

Week 9
Feedback (unit? unit=164&lesson=314)

Week 10

Week 11

Week 12

Text Transcripts

Download Videos

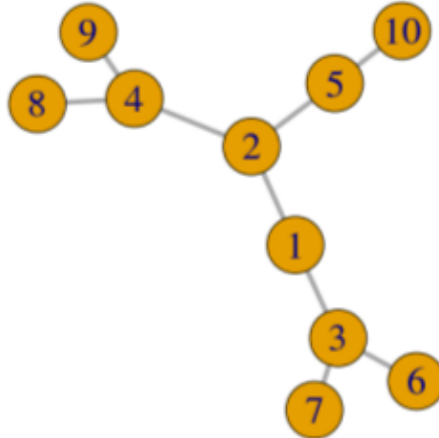
Books

No, the answer is incorrect.
Score: 0

Accepted Answers:
2.5

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

1 point



- 1.82
- 2.5
- 2.82
- 3

No, the answer is incorrect.
Score: 0

Accepted Answers:
2.82

10) Degree of separation of a network is same as its

1 point

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

No, the answer is incorrect.
Score: 0

Accepted Answers:
Average shortest path length

