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=188&lesson=189)

Week 9 : Assignment 1

The due date for submitting this assignment has passed.

Due on 2023-03-29, 23:59 IST.

Assignment submitted on 2023-03-24, 13:37 IST

1) How can we identify which book is written by which author? ***1 point***

- By matching handwriting.
- By analyzing word length distribution with previous books.
- By analyzing the number of pages in a book.
- By analyzing the book's preface.

Yes, the answer is correct.
Score: 1

Accepted Answers:
By analyzing word length distribution with previous books.

2) Is it guaranteed that the following code snippet will consistently yield a True result? ***1 point***

```
4   G = nx.gnp_random_graph(10, 0.5)
5   print(nx.is_connected(G))
```

- True
- False
- It will return neither True nor False
- It will thow an error

Yes, the answer is correct.
Score: 1

Accepted Answers:
False

3) What are the different methods available in Python for generating a string? ***1 point***

- By using single quotes.
- By using double quotes.

- Natural Language Processing - Author Stylometry - Part 01 (unit?unit=188&lesson=190)
- Natural Language Processing - Author Stylometry - Part 02 (unit?unit=188&lesson=191)
- Natural Language Processing - Author Stylometry - Part 03 (unit?unit=188&lesson=192)
- Natural Language Processing - Author Stylometry - Part 04 (unit?unit=188&lesson=193)
- Natural Language Processing - Author Stylometry - Part 05 (unit?unit=188&lesson=194)
- Natural Language Processing - Author Stylometry - Part 06 (unit?unit=188&lesson=195)
- Natural Language Processing - Author Stylometry - Part 07 (unit?unit=188&lesson=196)
- Natural Language Processing -

- ○ By using triple quotes.
- ◉ All of the above

Yes, the answer is correct.
Score: 1

Accepted Answers:
All of the above

4) A complete graph will have __ degree of separation **1 point**

- ◉ 1
- ○ 2
- ○ 3
- ○ Depends on the number of nodes.

Yes, the answer is correct.
Score: 1

Accepted Answers:
1

5) Networkx in pythons is used for **1 point**

- ☑ Making networks
- ☑ Analyzing networks
- ☑ Visualizing networks
- ☐ Breaking networks

Partially Correct.
Score: 0.75

Accepted Answers:
Making networks
Analyzing networks
Visualizing networks
Breaking networks

6) In the world, on average, how many hops will it take to connect two people? **1 point**

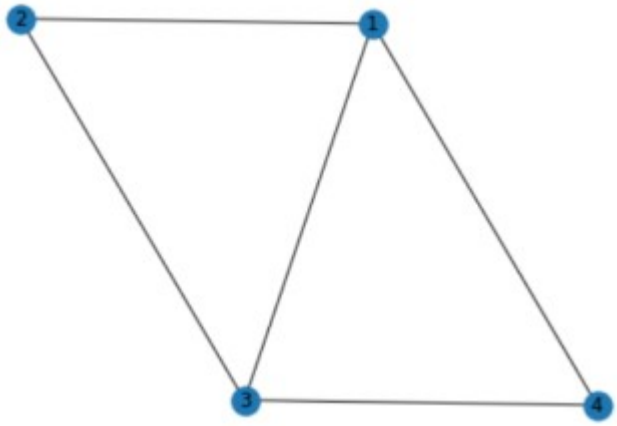
- ◉ 6
- ○ 7
- ○ 8
- ○ 9
- ○ 10

Yes, the answer is correct.
Score: 1

Accepted Answers:
6

7) How many neighbors does node 4 have? **1 point**

Author Stylometry - Part 08 (unit?unit=188&lesson=197)
Natural Language Processing - Author Stylometry - Part 09 (unit?unit=188&lesson=198)
Natural Language Processing - Author Stylometry - Part 10 (unit?unit=188&lesson=199)
Introduction to Networkx - Part 01 (unit?unit=188&lesson=200)
Introduction to Networkx - Part 02 (unit?unit=188&lesson=201)
Six Degrees of Separation : Meet your favourites (unit?unit=188&lesson=202)
Six Degrees of Separation : Meet your favourites - Part 01 (unit?unit=188&lesson=203)
Six Degrees of Separation : Meet your favourites - Part 02 (unit?unit=188&lesson=204)
Six Degrees of Separation : Meet your favourites - Part 03 (unit?unit=188&lesson=205)



- 1
- 2
- 3
- 4

Yes, the answer is correct.
Score: 1

Accepted Answers:
2

8) Assuming that the length and breadth remain constant, how can we enhance the precision of the calculated area for a state? ***1 point***

- By increasing the size of the image.
- By increasing the number of points.
- By decreasing the size of the image.
- By decreasing the number of points.

Yes, the answer is correct.
Score: 1

Accepted Answers:
By increasing the number of points.

9) Degree of separation is equivalent to ***1 point***

- Number of nodes in a graph
- Number of edges in a graph
- The average length of the shortest path in a graph
- None of the above

Yes, the answer is correct.
Score: 1

Accepted Answers:
The average length of the shortest path in a graph

10) While calculating the area of Punjab, which of the following will help in more accurate results. ***1 point***

- More points landed in the Punjab region.
- More points landed outside the Punjab.
- More points on the overall map.
- None of the above.

Yes, the answer is correct.
Score: 1

Accepted Answers:
More points landed in the Punjab region.

- Area Calculation - Don't Measure (unit?unit=188&lesson=206)
- Area Calculation - Don't Measure - Part 01 (unit?unit=188&lesson=207)
- Area Calculation - Don't Measure - Part 02 (unit?unit=188&lesson=208)
- Area Calculation - Don't Measure - Part 03 (unit?unit=188&lesson=209)
- Area Calculation - Don't Measure - Part 04 (unit?unit=188&lesson=210)
- Area Calculation - Don't Measure - Part 05 (unit?unit=188&lesson=211)
- Area Calculation - Don't Measure - Part 06 (unit?unit=188&lesson=212)
- Week 9 Feedback Form: The Joy of Computing using Python (unit?unit=188&lesson=213)
- **Quiz: Week 9 : Assignment 1 (assessment?name=323)**
- Week 9: Programming Assignment 1

(/noc23_cs20/progassignment?name=324)

- Week 9: Programming Assignment 2 (/noc23_cs20/progassignment?name=325)
- Week 9: Programming Assignment 3 (/noc23_cs20/progassignment?name=326)

Week 10 ()

Week 11 ()

Week 12 ()

Text Transcripts ()

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