

# Unit 11 - Week 9: Cool Ideas(Part 7)

Register for Certification exam

Course outline

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Natural Language Processing - Author Stylometry

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Natural Language Processing - Author Stylometry - Part 02

Natural Language Processing - Author Stylometry - Part 03

Natural Language Processing - Author Stylometry - Part 04

Natural Language Processing - Author Stylometry - Part 05

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Six Degrees of Separation : Meet your favourites

Six Degrees of Separation : Meet your favourites - Part 01

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Area Calculation - Don't Measure

Area Calculation - Don't Measure - Part 01

Area Calculation - Don't Measure - Part 02

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## Assignment 9

The due date for submitting this assignment has passed.  
As per our records you have not submitted this assignment.

Due on 2019-04-03, 23:59 IST.

1) What should be the output of the following program?  
import network as nx  
G=nx.Graph()  
for i in range(3):  
    G.add\_node(i)  
G.add\_edge(1,2)  
G.add\_edge(2,3)  
G.add\_edge(1,3)  
nx.draw()

A triangle graph

A graph with 3 edges and an isolated node

A graph with 3 edges and no isolated node

Error

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
Error

1 point

2) In network, in order to draw Erdos Renyi graph there is a function 'gnp\_random\_graph(n,p)'. What are n and p here?

n is the number of edges and p is the probability of edge creation.

n is the number of nodes and p is the probability of edge creation.

n is the number of edges and p is the probability of node creation.

n is the number of nodes and p is the probability of node creation.

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
n is the number of nodes and p is the probability of edge creation.

1 point

3) What does the function G.nodes() in networkx return?

It returns the number of nodes present in the graph G.

It returns the list of nodes present in the graph G.

It returns the tuple of nodes present in the graph G.

It returns the number of edges present in the graph G.

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
It returns the list of nodes present in the graph G.

1 point

4) What does the function scipy.misc.read() return?

Image in the form of pixels

A matrix of RGB values

Image as Numpy array

All of the above.

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
Image as Numpy array

0 points

5) What is Stylometry?

Stylometry is qualitative study of literary style.

Stylometry is quantitative study of literary style.

Both

None of the above

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
Stylometry is quantitative study of literary style.

1 point

6) Which of the following statements is correct about tokenisation in Python?

Tokenisation involves splitting words from the text.

Tokenisation involves splitting sentences from the text.

Both

None of the above

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
Both

1 point

7) What is Project Gutenberg?

It is a repository comprising of free images.

It is a repository comprising of free music.

It is a repository comprising of free ebooks.

None of the above

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
It is a repository comprising of free ebooks.

1 point

8) Which of the following is a Graph visualisation software?

Gephi

Visual Graph

Graph Plot

None of the above

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
Gephi

1 point

9) Is the Graph constructed by the following networkx program connected?  
import networkx  
G = networkx.Graph()  
G.add\_node(1)  
G.add\_node(2)  
G.add\_node(3)  
G.add\_node(4)  
G.add\_node(7)  
G.add\_node(9)  
G.add\_edge(1,2)  
G.add\_edge(3,1)  
G.add\_edge(2,4)  
G.add\_edge(4,1)  
G.add\_edge(9,1)  
G.add\_edge(1,7)  
G.add\_edge(2,9)  
networkx.draw(G)

Yes

No

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
Yes

1 point