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Courses » Joy of computing using Python

Announcements

Course

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



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Course outline

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Week 1: Introduction

Week 2: Introduction to **Python**

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Week 4: Cool Ideas (Part 2)

Week 5: Cool Ideas (Part 3)

Week 6: Cool Ideas (Part 4)

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Week 9: Cool Ideas(Part 7)

- Natural Language Processing -Author Stylometry
- Natural Language Processing -Author Stylometry -Part 01
- Natural Language

Assignment 9

The due date for submitting this assignment has passed. Due on 2019-04-03, 23:59 IS

Assignment submitted on 2019-04-03, 22:51 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

Yes, the answer is correct.

Score: 1

Accepted Answers:

2) In network, in order to draw Erdos Renyi graph there is a function 'gnp random graph(n,p)'. 1 point 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.

Yes, the answer is correct.

Score: 1

Accepted Answers:

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

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

1 point

- 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.

1 point

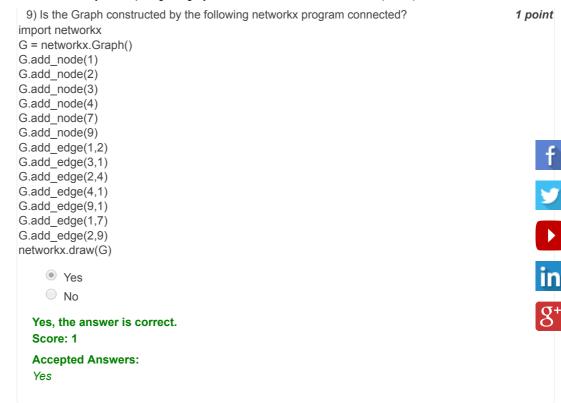
019	Joy of computing using Python Unit 11 - Week 9: Cool Ideas(Part 7)	
Processing - Author	Yes, the answer is correct.	
Stylometry -	Score: 1	
Part 02	Accepted Answers: It returns the list of nodes present in the graph G.	
Natural Language	4) What does the function scipy.misc.read() return?	1 point
Processing - Author	Image in the form of nivele	
Stylometry -	Image in the form of pixels A matrix of RGB values	
Part 03	Image as Numpy array	f
O Natural	All of the above.	
Language Processing -		S
Author	Yes, the answer is correct. Score: 1	
Stylometry - Part 04		
○ Natural	Accepted Answers: Image as Numpy array	
Language		1 pc
Processing - Author	5) What is Stylometry?	
Stylometry -	 Stylometry is qualitative study of literary style. 	g
Part 05	Stylometry is quantitative study of literary style.	
Natural	Both	
Language Processing -	None of the above	
Author	No, the answer is incorrect.	
Stylometry - Part 06	Score: 0	
Natural	Accepted Answers:	
Language	Stylometry is qualitative study of literary style.	
Processing - Author	6) Which of the following statements is correct about tokenisation in Python?	1 point
Stylometry -	Tokenisation involves splitting words from the text.	
Part 07	Tokenisation involves splitting sentences from the text.	
Natural	Both	
Language Processing -	None of the above	
Author	Yes, the answer is correct.	
Stylometry - Part 08	Score: 1	
Natural	Accepted Answers:	
Language	Both	
Processing - Author	7) What is Project Gutenberg?	1 point
Stylometry -	It is a repository comprising of free images.	
Part 09	It is a repository comprising of free music. It is a repository comprising of free music.	
Natural Language	It is a repository comprising of free ebooks.	
Processing -	None of the above	
Author Stylometry -	Yes, the answer is correct.	
Part 10	Score: 1	
 Introduction to 	Accepted Answers:	
Networkx - Part	It is a repository comprising of free ebooks.	
01	8) Which of the following is a Graph visualisation software?	1 point
Introduction toNetworkx - Part02		
	Gephi	
Six Degrees of	Visual Graph	
Separation :	Graph Plot None of the above	
Meet your favourites		
Six Degrees of	Yes, the answer is correct.	
Separation :	Score: 1	
Meet your favourites - Part	Accepted Answers: Gephi	
iavountes - Part	Обрії	

- Six Degrees of Separation :Meet your favourites - Part 02
- Six Degrees of Separation: Meet your favourites - Part 03
- AreaCalculation -Don't Measure
- O Area
 Calculation Don't Measure Part 01
- O Area
 Calculation Don't Measure Part 02
- AreaCalculation -Don't Measure -Part 03
- Calculation Don't Measure Part 04
- AreaCalculation -Don't Measure -Part 05
- AreaCalculation -Don't Measure -Part 06
- Programming Assignment-1: Counter Spiral
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Week 10: Cool Ideas(Part 8)

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