





Announcements

About the Course

Ask a Question

Mentor Progress

1 point

Unit 3 - Week 1

How does an NPTEL online

Lecture 01 - Introduction (9

Lecture 02 - Answer to the

Lecture 03 - Introduction to

Lecture 04 - Introduction to

Lecture 05 - Introduction to

 Lecture 06 - Introduction to Networkx-2 (45 min)

Lecture 07 - Social Networks:

The Challenge (4 min)

Lecture 08 - Google Page

O Lecture 09 - Searching in a

Lecture 10 - Link Prediction (2

Lecture 11 - The Contagions

 Lecture 12 - Importance of Acquaintances (1 min)

O Lecture 13 - Marketing on Social Networks (2 min)

Quiz : Assignment 1

Week 1 Feedback

Week 2

Week 3

Week 4

Week 5

Week 6

Week 7

Week 8

Week 9

Week 10

Week 11

Week 12

Assignment Solutions

Download Videos

Rank (2 min)

Network (2 min)

min)

(2 min)

Networkx-1 (10 min)

puzzle (6 min)

Python-1 (21 min)

Python-2 (28 min)

Course outline

course work?

Week 0

Week 1

min)

NPTEL » Social Networks

| 1) If a="Social", b="Networks" then which of the following operation would show 'SocialNetworks' as output? a b b a **-b a **-b A of the above No, the answer is incorrect. Score O Accepted Answers: All of the above What will be the output of the following Python code snippet? a=1(1*A 2*B*3*C*) printip set(1.4) 1 | The due date for submitting this assignment has passed. As per our records you have not submitted this assignment. Due on 2020-02-12, 2 | 23 |
|--|---|----|
| a name is incorrect. Score: 0 What will be the output of the following Python code snippet? | If a='Social', b='Networks' then which of the following operation would show 'SocialNetworks' as output? | |
| a name is incorrect. Score: 0 What will be the output of the following Python code snippet? | O a+b | |
| No, the answer is incorrect. Score of Assistance in Control of the following Python code snippet? as (11-47-216-13-210-1) print(a.get(1.4)) 1 | | |
| No. the answer is incorrect. Accepted Answers: Alf of the above 2. What will be the output of the following Python code snippet? a = (1;*A'2:*B';3;*C') prin(a,get(1,4)) 1 | a+""+b | |
| Score: 0 Accepted Answers: All of the above 2) What will be the output of the following Python code snippet? | All of the above | |
| Accepted Answers: All of the above 2) What will be the output of the following Python code snippet? a = (1:*A'.2:*B'.3:*C') prin(a.get(1,4)) 1 A 4 Invalid syntax of get() method No. the answer is incorrect. Score: 0 No answer is incorrect. 3) What will be the output of the following Python code? a = (1:*A'.2:*B'.3:*C') a clear() prin(a) None (None-None, None:None, None:None) (1:None, 2:None, 3:None) (1:None, 2:None, 3:None) (1) Which of the following is true for variable names in Python? Variable names can be of any length All private members must have leading and trailing underscores Underscore and ampersand are the only two special characters allowed All of the above No, the answer is incorrect. Score: 0 There are 25 telephones in Wonderland. Is it possible to connect them with wires so that each telephone is connected with exactly 7 others. Yes No, No, the answer is incorrect. Score: 0 Accepted Answers: Variable names can be of any length 5) There are 25 telephones in Wonderland. Is it possible to connect them with wires so that each telephone is connected with exactly 7 others. Yes No No, the answer is incorrect. Score: 0 Accepted Answers: Variable names can be of any length 5) There are 25 telephones in Wonderland. Is it possible to connect them with wires so that each telephone is connected with exactly 7 others. Yes No No. the answer is incorrect. Connected Answers: Variable names can be of any length Consider any group of two or more people, there are | | |
| All of the above 2) What will be the output of the following Python code snippet? | | |
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No, the answer is incorrect. Score: 0

Type of Graph: Graph/DiGraph

Number of nodes

Number of edges

Connectedness

Accepted Answers: Connectedness

8) In networkx, which function is used to get the neighbors of a node in a graph G? G.neighboring()

7) The command networkx.info(G) doesn't give the following details about a graph G:

G.adjacent()

G.adjoining() None of the above

No, the answer is incorrect.

Score: 0 Accepted Answers:

None of the above

9) What is the output of the following code snippet? import networkx as nx G = nx.Graph()

> G.add_edges_from([(1,2),(3,4),(5,6),(7,8),(2,8),(4,6)]) G.remove_edges_from([(1,2),(3,4),(5,6)])

print(len(G.nodes()))

O 2 04

6

O None of the above No, the answer is incorrect.

Score: 0 Accepted Answers:

None of the above

10) In the command networkx.erdos_renyi_graph(a, b), the parameters a and b denote the following respectively:

Number of edges and the probability with which edges are to be placed between every pair of nodes Number of nodes and the probability with which edges are to be placed between every pair of nodes

The probability with which edges are to be placed between every pair of nodes and Number of edges Number of edges and Number of nodes

No, the answer is incorrect. Score: 0

Accepted Answers:

Number of nodes and the probability with which edges are to be placed between every pair of nodes