Week 8 : Assignment 1

The due date for submitting this assignment has passed.

Due on 2023-03-22, 23:59 IST.

Assignment submitted on 2023-03-11, 12:09 IST

1) Which of the following is not true about Stylometry Analysis? ***1 point***

- It is the quantitative study of literature style
- It is based on the observation that the authors tend to write in relatively consistent and recognizable ways
- any two people may have the same vocabulary
- It is a tool to study a variety of questions involving style of writing

Yes, the answer is correct.
Score: 1
Accepted Answers:
any two people may have the same vocabulary

2) Which of the following is not true about tuples in python? ***1 point***

- Tuple consumes less memory
- Tuples are immutable
- Tuple supports item deletion
- Tuples does not support modification

Yes, the answer is correct.
Score: 1
Accepted Answers:
Tuple supports item deletion

3) What is the output of the following code snippet in python? ***1 point***

```
name =('kiran','bhushan','madan')
print (name[-1])
```

- invalid syntax
- tuple index out of range
- prints nothing

- madan

Yes, the answer is correct.
Score: 1

Accepted Answers:
madan

4) Strings in python can be created using **1 point**

- single quotes
- double quotes
- triple quotes
- only A and B
- A, B and C

Yes, the answer is correct.
Score: 1

Accepted Answers:
A, B and C

5) Networkx in python is used for which of the following operation(s)? **1 point**

- Visualizing social network
- Analyzing social networks
- Generate social network
- All of the above
- None of the above

Yes, the answer is correct.
Score: 1

Accepted Answers:
All of the above

6) Which of the following will generate a complete graph in python using the networkx package? **1 point**

- Graph = nx.gnp random graph(25,0.5)
- Graph = nx.gnp random graph(25,1.0)
- Graph = nx.gnp random graph(25,0.25)
- Graph = nx.gnp random graph(25,0.75)

Yes, the answer is correct.
Score: 1

Accepted Answers:
Graph = nx.gnp random graph(25,1.0)

7) Which of the following method will return the RBG value of a pixel in python? **1 point**

- getpixel()
- RBGvalue()
- pixelValue()
- none of the above

Yes, the answer is correct.
Score: 1

Accepted Answers:
getpixel()

8) The degree of separation of a complete graph with n nodes is always

- n
- n-1
- 1
- 6

Yes, the answer is correct.
Score: 1

Accepted Answers:
1

9) Which of the following is true about six degrees of separation? ***1 point***

- the minimum degree of separation of any node in the network is 6
- the maximum degree of separation of any node in the network is 6
- the average degree of separation of the nodes in the network is 6
- the degree of separation of every node in the network is 6

Yes, the answer is correct.
Score: 1

Accepted Answers:
the average degree of separation of the nodes in the network is 6

10) What is the output of the following code? ***1 point***

```
import nltk
nltk.download('punkt')
from nltk.tokenize import sent_tokenize

mytext = "Have nice day, my friend !!! Programming in Python is fun"
print(sent_tokenize(mytext))
```

- ['Have nice day, my friend!!! Programming in Python is fun']
- ['Have nice day, my friend!!!', 'Programming in Python is fun']
- 'Have nice day, my friend!!!'
  'Programming in Python is fun'
- Error

Yes, the answer is correct.
Score: 1

Accepted Answers:
['Have nice day, my friend!!!', 'Programming in Python is fun']