**Assignment 10**

**The due date for submitting this assignment has passed.**

**Due on 2018-10-10, 23:59 IST.**

**Assignment submitted on 2018-10-10, 12:22 IST**

***1 point***

What is the relationship between SAKSHI and AKASH according to the game FLAMES?

 Love

 Enemy

 Marriage

 Friends

**Yes, the answer is correct.   
Score: 1**

**Accepted Answers:**

*Friends*

***1 point***

State True or False.  
numpy.asanyarray(input) converts input to an ndarray. Here, input can be images, scalars, lists, lists of tuples, tuples, tuples of tuples, tuples of lists.

 True

 False

**Yes, the answer is correct.   
Score: 1**

**Accepted Answers:**

*True*

***1 point***

What is the count obtained after cancelling the common letters between ALIA and ANKIT according to the game FLAMES?

 3

 4

 5

 6

**Yes, the answer is correct.   
Score: 1**

**Accepted Answers:**

*5*

***1 point***

Which Python module supports various operations on data type string?

 string

 list

 array

 str

**Yes, the answer is correct.   
Score: 1**

**Accepted Answers:**

*string*

***1 point***

What is the output of the statement*print(numpy.array([1,2,3]))*in Python?

 [1 2 3]

 ['1','2','3']

 [1],[2],[3]

 None of the above

**Yes, the answer is correct.   
Score: 1**

**Accepted Answers:**

*[1 2 3]*

***0 points***

import numpy as np  
x=np.zeros(3,3)  
What is x in the above code snippet?

 x is 1\*3 matrix

 x is 3\*3 matrix comprising of zeros.

 x is 3\*3 matrix comprising of some garbage values.

 None of the above

**No, the answer is incorrect.   
Score: 0**

**Accepted Answers:**

*x is 3\*3 matrix comprising of zeros.*

***0 points***

If a is 2\*3 numpy array, what would the function a.shape() return?

 (2,)

 (3,)

 (2,3)

 None of the above

**No, the answer is incorrect.   
Score: 0**

**Accepted Answers:**

*(2,3)*

***1 point***

import numpy as np  
m=np.array([[99,101],[100,98]])  
print(m.T)  
What is the output of the above code snippet?



[[ 99 101]

 [100  98]]



[[ 98 100]

 [101  99]]



[[ 99 100]

 [98  101]]



[[ 99 100]

 [101  98]]

**Yes, the answer is correct.   
Score: 1**

**Accepted Answers:**

*[[ 99 100]*

*[101  98]]*

***1 point***

Which of the following attributes is used to obtain picture size using PIL in Python?

 color

 size

 width

 height

**Yes, the answer is correct.   
Score: 1**

**Accepted Answers:**

*size*

***1 point***

What is the output of the statement *print(s.lower())*if s='SImRan' ?

 SIMRAN

 Simran

 SIMran

 simran

**Yes, the answer is correct.   
Score: 1**

**Accepted Answers:**

*simran*