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**Courses » The Joy of Computing using Python**

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# Unit 12 - Week 10: Cool Ideas(Part 8)

## Course outline

**How to access the portal**

**Pre-requisite assignment**

**Week 1: Introduction**

**Week 2: Introduction to Python**

**Week 3: Cool Ideas (Part 1)**

**Week 4: Cool Ideas (Part 2)**

**Week 5: Cool Ideas (Part 3)**

**Week 6: Cool Ideas (Part 4)**

**Week 7: Cool Ideas(Part 5)**

**Week 8: Cool Ideas(Part 6)**

**Week 9: Cool Ideas(Part 7)**

**Week 10: Cool Ideas(Part 8)**

● FLAMES - Part 01

● FLAMES - Part 02

● FLAMES - Part 03

## 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, 14:16 IST**

1) What is the relationship between SAKSHI and AKASH according to the game FLAMES?        *1 point*

○ Love
○ Enemy
○ Marriage
⦿ Friends

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

**Accepted Answers:**
*Friends*

2) State True or False.        *1 point*

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*

3) What is the count obtained after cancelling the common letters between ALIA and ANKIT        *1 point*
according to the game FLAMES?

○ 3
○ 4
⦿ 5
○ 6

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

**Accepted Answers:**
*5*

4) Which Python module supports various operations on data type string?        *1 point*

⦿ string

○ list

○ array

○ str

**Yes, the answer is correct.**

**Score: 1**

**Accepted Answers:**

*string*

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

◉ [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]*

6) import numpy as np                                                                      *0 points*
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.*

7) If a is 2*3 numpy array, what would the function a.shape() return?                    *0 points*

○ (2,)

○ (3,)

○ (2,3)

◉ None of the above

**No, the answer is incorrect.**

**Score: 0**

**Accepted Answers:**

*(2,3)*

8)                                                                                         *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]]*

9) Which of the following attributes is used to obtain picture size using PIL in Python?          *1 point*

○ color

⦿ size

○ width

○ height

**Yes, the answer is correct.**

**Score: 1**

**Accepted Answers:**
*size*

10) What is the output of the statement *print(s.lower())* if s='SImRan' ?          *1 point*

○ SIMRAN

○ Simran

○ SIMran

⦿ simran

**Yes, the answer is correct.**

**Score: 1**

**Accepted Answers:**
*simran*

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