Assignment 2

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Showing **10** of **10** Questions

Question 1

0/1 Points

What is the output of print(k) in the following?

k = [print(i) for i in my_string if i not in "aeiou"]

print(k)

- A. all characters of my_string that aren't vowels
- B. a list of Nones
- C. list of Trues
- D. list of Falses

Question 2

1/1 Points

What is the output of the following code?

def a():

    try:

        f(x, 4)

    finally:

        print('after f')

    print('after f?')

a()

- A. after f?
- B. Error
- C. after f

Question 3

1/1 Points

Which of these is a private data field?

def Demo:

    def __init__(self):

        __a = 1

        self.__b = 1

        self.__c__ = 1

        __d__ = 1

- A. __a
- B. __b
- C. __c__
- D. __d__

Question 4

1/1 Points

A class in which one or more methods are only implemented to raise an exception is called an abstract class. True or False?

- A. True

B. False

Question 5   1/1 Points

What is the output of the following piece of code when executed in the Python shell?

>>> class A:

    pass

>>> class B(A):

    pass

>>> obj=B()

>>> isinstance(obj,A)

A. Wrong syntax for isinstance() method

B. True

C. False

D. Invalid method for classes

Question 6   1/1 Points

The assignment of more than one function to a particular operator is _____

A. Operator over-assignment

B. Operator overriding

C. Operator overloading

D. Operator instance

Question 7   1/1 Points

Which piece of code creates an empty class?

A. class A: return

B. class A: pass

C. class A:

D. It is not possible to create an empty class.

Question 8   1/1 Points

What is output of print(math.pow(3, 2))?

A. 6

B. 9

C. error, third argument required

D. error, too many arguments

Question 9   0/1 Points

What is the output of the code shown below?

e="butter"

def f(a):

    print(a)+e

f("bitter")

A. error

B. butter error

C. bitter error

○ D. bitterbutter

Question 10

What is the output of the following code?

>>> a=(1,2,(4,5))

>>> b=(1,2,(3,4))

>>> a<b

○ A. Error, < operator is not valid for tuples

○ B. True

○ C. False

○ D. Error, < operator is valid for tuples but not if there are sub-tuples