

Vendor: Python Institute

Exam Code: PCAP-31-03

Exam Name: Certified Associate in Python Programming

Exam

Version: DEMO

What is true about the following snippet? (Select two answers)

```
class E(Exception):
    def ___init__(self, message):
        self.message = message
    def __str__(self):
        return "it's nice to see you"
try:
        print("I feel fine")
        raise Exception("what a pity")
except E as e:
        print(e)
else:
        print("the show must go on")
```

- A. the code will raise an unhandled exception
- B. the string I feel fine 'will be seen
- C. the string it's nice to see you will be seen
- D. the string what a pity will be seen

Answer: BD Explanation:

1 #	# Online Python compiler (interpreter) to run Python online.	I feel fine
2 # Write Python 3 code in this online editor and run it.		Traceback (most recent call last):
3 - 0	class E(Exception):	File " <string>", line 11, in <module></module></string>
4 -	<pre>definit(self, message):</pre>	Exception: What a pity
5	<pre>self.message = message</pre>	>
6 *	<pre>defstr(self) :</pre>	
7	return "it's nice to see you"	
8		
9≁ t	try:	
10	<pre>print("I feel fine")</pre>	
11	<pre>raise Exception("What a pity")</pre>	
12 - e	except E as e:	
13	print(e)	
14 - e	else:	
15	print("the show must go on")	

QUESTION 2

What is the expected behavior of the following code?

 $my_{list} = [1, 2, 3]$

try:

```
my_list[3] = my_list[2]
except BaseException as error:
    print(error)
```

- A. it outputs error
- B. it outputs list assignment index out of range
- C. the code is erroneous and it will not execute
- D. it outputs <class ' IndexError' >

Answer: B Explanation:

```
1 # Online Python compiler (interpreter) to run Python online.
2 # Write Python 3 code in this online editor and run it.
3 my_list = [1, 2, 3]
4
5 * try:
6 my_list[3] = my_list[2]
7 * except BaseException as error:
8 print (error)
```

QUESTION 3

Which of the following expression evaluate to True? (Select two answers)

- A. len('\'? == 1
- B. len(""""") == o
- C. chr(ordCA') + 1) == 'B'
- D. ord("Z") ord("z") -- ord("0")

Answer: AC

Explanation: print(ord('Z') - ord('z') == ord('0')) print(chr(ord('A') +1) == 'B') print(len('\~') == 1) print(len('') == 0)

QUESTION 4

What is the expected behavior of the following code?

string = str(1/3)
dummy = ``
for character in strong:
 dummy = character + dummy
print(dummy[-1])

- A. it outputs 'None'
- B. it outputs 3
- C. it raises an exception
- D. it outputs 0

Answer: C Explanation:

Shell

```
Traceback (most recent call last):
   File "<string>", line 5, in <module>
NameError: name 'strong' is not defined
   |
```

QUESTION 6

What is the expected behavior of the following code?

```
class Class:
    Variable = 0
    def __init__(self):
        self.value = 0
```

```
object_1 = Class()
object_1.Variable += 1
object_2 = Class()
object_2.value += 1
print(object_2.Variable + object_1.value)
```

- A. it outputs 1
- B. it outputs 0
- C. it raises an exception

D. it outputs 2

Answer: B Explanation:

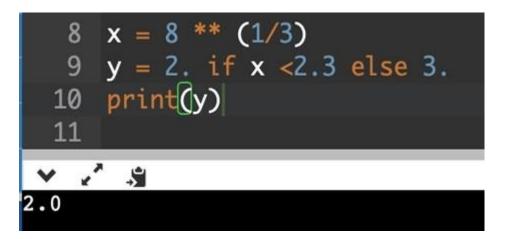
```
1 - class Class:
2 Variable = 0
3 - def __init__(self):
4 self.value = 0
5
6 object_1 = Class()
7 object_1.Variable += 1
8 object_2 = Class()
9 object_2.value += 1
10 print (object_2.Variable + object_1.value)
```

QUESTION 7

What is the expected behavior of the following code?

- A. it outputs 2.0
- B. it outputs 2.5
- C. the code is erroneus and it will not execute
- D. it outputs 3.0

Answer: A Explanation:



0

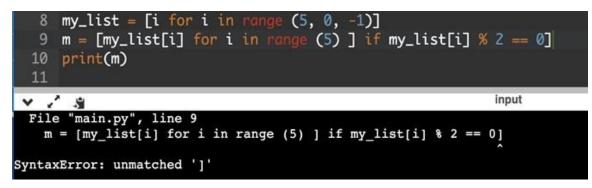
>

What is the expected behavior of the following code?

```
my_list = [i for i in range(5, 0, -1)]
m = [my_list[i] for i in range (5)] if my_list[i] % 2 == 0]
print(m)
```

- A. the code is erroneus and it will not execute
- B. it outputs [2, 4]
- C. it outputs [4, 2]
- D. it outputs [0, 1, 2, 3, 4]

Answer: A Explanation:



QUESTION 9

What is the expected output of the following code if the file named non_zero_length_existing_text_file is a non-zero length file located inside the working directory?

```
try:
    f = open('non_zero_length_existing_text_file', 'rt')
    d = f.read(1)
    print(len(d))
    f.close()
except IOError:
    print(-1)
```

```
A. 0
```

- B. -1
- C. an errno value corresponding to file not found
- D. 1

Answer: C

Explanation:

The code doesn't mention the string for a directory if the non-zero length file is located inside of it. So it will be a file not found error.

What is the expected output of the following code if there is no file named non existing_file inside the working directory?

try: f = open('non_existing_file', 'w') print(1, end=' ') s = f.readline() print(2, end=' ') except IOError as error: print(3, end=' ') else: f.close() print(4, end=' ') A. 22 B. 13

B. 13 C. 123

D. 223

Answer: B

```
Explanation:

try:

f = open("linije","w")

print(1, end="")

s = f.readline()

print(2, end="")

except IOError as error:

print(3, end="")

else:

f.close()

print(4,end="")
```

QUESTION 11

What will the value of the i variable be when the following loop finishes its execution?

for i in range (10): pass

A. 10

B. the variable becomes unavailable

C. 11

D. 9

Answer: D

Explanation:

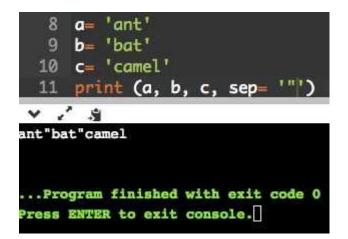
Pass only means there are no statements to execute it does not means the variable is unavailable. Try a Print statement Print(i) after the For Loop and there is your result.

QUESTION 12

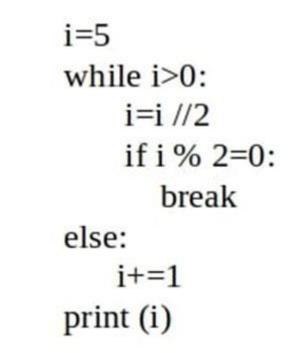
What is the output of the following piece of code?

- A. ant'bat'camel
- B. ant"bat"camel
- C. antbatcamel
- D. ant bat camel

Answer: B Explanation:



What is the expected output of the following snippet?



- A. the code is erroneous
- B. 3
- C. 7
- D. 15

Answer: A

Explanation:

The if statement uses the single equal operator instead of the boolean equal operator, making the code erronous.

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