## Congratulations! You passed!

Grade received 88%

O 1/2

Latest Submission Grade 80% **To pass** 75% or higher

Go to next item

1.	In Python, if you executed name = 'Lizz', what would be the output of print(name[0:2])?  Lizz  Li	1/1 point
	⊙ Correct	
2.	If var = "01234567" what Python statement would print out only the even elements?  print(var[::2]) print(var[::3]) print(var[::1])	0/1 point
	⊗ Incorrect	
3.	Consider the string Name="EMILY", what statement would return the index of 0?  Name.find("E")  Name.find("L")  Name.find("I")	1/1 point
	<b>⊘</b> Correct	
4.	In Python what represents real numbers and is written with a decimal point?  str  int float	0/1 point
	⊗ Incorrect	
5.	What following code segment would return a 3?  • float(3.99)  • str(3.99)  • int(3.99)	0/1 point
	⊗ Incorrect	
6.	What is the result of the following code segment: 1/2?   0.5  0  Correct	1/1 point
7.	In Python 3 what following code segment will produce an int?	1/1 point

	<b>⊘</b> Correct	
8.	Whatdata type must have unique keys?	1/1 point
	O Tuple	
	List	
	Dictionary	
	⊙ Correct	
	What is the syntax to obtain the first element of the tuple?	1/1 point
	A=('a','b','c')	
	○ A[:]	
	O A[1]	
	⊙ Correct	
10.	What does the split() method return from a list of words?	1/1 point
	The list of words in a string separated by a delimiter	
	The list of words in reverse order	
	The list of words separated by a colon	
	The list in one long string	
	<b>⊘</b> Correct	
11.	Lists are:	1/1 point
	Unordered	
	Mutable	
	○ Not indexed	
	O Not mutable	
	<b>⊘</b> Correct	
12.	What code segment is used to cast list "B" to the set "b"?	1/1 point
	• b=set(B)	
	○ b=B.dict()	
	O b.set()	
	<b>⊘</b> Correct	
13.	What value of x will produce the output?	0 / 1 point
	Hi	
	Mike	
	X=	
	if(x!=1):	
	<pre>print('Hello') else:</pre>	
	print('Hi')	
	print('Mike')	

○ x=1	
○ x=6	
(a) x="7"	
⊗ Incorrect	
14. What the transfer will arrow to the course in in a color of the transfer and arrow to	
14. What statement will execute the remaining code no matter the end result?	1/1 point
O For	
○ If  ⑤ Finally	
○ While	
○ Correct	
Connect	
15. What add function would return '4'?	1/1 point
def add(x): return(x+x) add(2)	
<pre>def add(x): return(x+x) add('4')</pre>	
Odefadd(x): return(x+x+x) add('1')	
<b>⊘</b> Correct	
16. What is the correct way to sort list 'B' using a method? The result should not return a new list, just change the list	1/1 point
'B'.	
O sort(B)	
B.sort()	
○ sorted(B)	
O B.sorted()	
<b>⊘</b> Correct	
17. What is the output for the below line of code?	1/1 point
A=[8,5,2] for a in A: print(12-a)	
88888888888	
5555555555	
22222222222	
O 8	
5	
2	
4	
7	
10	
18. What code segment would output the following?	1/1 point
1	
3	
4	
of for in range(1,5): if (i==2): print(i)	
of for i in range(1.5); if (i!=1); print(i)	

for i in range(1.5) · if (il=2) · nrint(i)

```
⊘ Correct
19. What is the height of the rectangle in the class Rectangle?
                                                                                                                           1/1 point
    class Rectangle(object):
       def __init__(self,width=2,height =3,color='r'):
                    self.height=height
                    self.width=width
                    self.color=color
     def drawRectangle(self):
              import matplotlib.pyplot as plt
              plt.gca().add\_patch(plt.Rectangle((0,0),self.width,self.height,fc=self.color))
              plt.axis('scaled')
              plt.show()
    3
    0 0
    O 2
     \bigcirc Correct
20. What line of code would produce the following: array([0, 0, 0, 0, 0])?
                                                                                                                           1/1 point
    a=np.array([0,1,0,1,0]) b=np.array([1,0,1,0,1]) a+b
     \bigcirc \  \  \, a = np.array([0,1,0,1,0]) \ b = np.array([1,0,1,0,1]) \ a - b \\
    a=np.array([0,1,0,1,0]) b=np.array([1,0,1,0,1]) a*b
     ⊘ Correct
21. What is the result of the following lines of code?
                                                                                                                           1/1 point
    a=np.array([10,9,8,7,6]) a+1
    array([11,10,9,8,7])
    array([101,91,81,71,61])
    O array([9, 8, 7, 6, 5])
     ⊘ Correct
22. What is a two-dimensional data structure?
                                                                                                                           0 / 1 point
    Numpy
    O Pandas Series
    O Pandas Dataframe
     \otimes Incorrect
23. What is the method readline() used for?
                                                                                                                           1/1 point

    It helps to read one complete line from a given text file

    O It reads the entire file all at once
    O It reads 10 lines of a file at a time
     ⊘ Correct
24. Consider the following line of code:
                                                                                                                           1/1 point
    with open("Example.txt","a") as file1:
    What mode is the file object in?
    O read
```

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<ul><li>append</li><li>write</li></ul>	
<b>⊘</b> Correct	
25. What is scheme, internet address and route a part of?	1/1 point
25. What is scheme, internet address and route a part of?  Ourline URL	1/1 point
	1/1 point
● URL	1/1 point