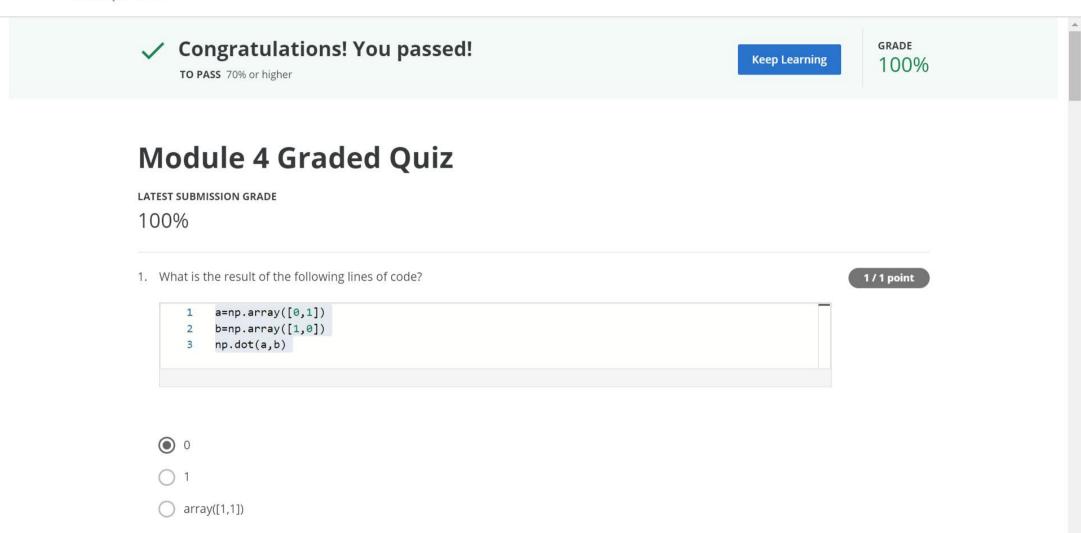


Module 4 Graded Quiz
Graded Quiz • 20 min





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2.	How do you perform matrix multiplication on the numpy arrays A and B ?	1 / 1 point
	○ A*B	
	np.dot(A,B)	
	○ A+B	
	✓ Correct correct	
3.	What values does the variable out take if the following lines of code are run? 1 X=np.array([[1,0,1],[2,2,2]]) 2 out=X[0:2,2] 3 out 4	1 / 1 point
	array([1,0])array([1,2])array([1,1])	



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4. What is the value of **Z** after the following code is run? 1/1 point X=np.array([[1,0],[0,1]]) Y=np.array([[2,1],[1,2]]) Z=np.dot(X,Y)array([[2,1],[1,2]]) array([[2,0],[1,0]]) array([[3,1],[1,3]]) ✓ Correct correct, the dot function corresponds to matrix multiplication 5. Consider the following text file: **Example1.txt**: 1 / 1 point This is line 1 This is line 2 This is line 3 What is the output of the following lines of code?

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This is line 3

What is the output of the following lines of code?

```
with open("Exampl1.txt","r") as File1:

file_stuff=File1.readline ()

print(file_stuff)
```

- This is line 1
- This is line 1
 - This is line 2
 - This is line 3
- This is line 1
 - This is line 2



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6. What do the following lines of code do? 1 / 1 point with open("Example1.txt","r") as file1: 2 3 FileContent=file1.readlines() 4 5 print(FileContent) Read the file "Example1.txt" Write to the file "Example1.txt" Append the file "Example1.txt" ✓ Correct Correct, the mode is set to r for read. 7. What do the following lines of code do? 1 / 1 point with open("Example.txt","w") as writefile: 2 3 writefile.write("This is line A\n") writefile.write("This is line B\n")



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	Read the file "Example.txt" Write to the file "Example.txt" Append the file "Example.txt"	
	✓ Correct Correct.	
8.	<pre>What do the following lines of code do? 1 with open("Example3.txt","w") as file1: 2 3 file1.write("This is line C\n") 4</pre>	1/1 point
	Read the file "Example3.txt". Append the file "Example3.txt". error	
	✓ Correct	



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