Congratulations! You passed!

Grade received 100%

Latest Submission Grade 100% To pass 70% or higher

Go to next item

1 a=np.array([0,1])		
=np.array([a,a]) np.dot(a,b)		
0		
) 1		
) array([1,1])		
Correct correct		
hat is the value of Z after the following code is run?	1 / 1 point	
1 2 X=np.array([[1,0],[0,1]])		
3 Y=np.array([[0,1],[1,0]]) 4 Z=X+Y		
5		
) array([[1,1],[1,1]])		
) array([[1,0],[0,1]])		
) array([[0,1],[1,1]])		
○ Correct		
 Correct correct, the '+' corresponds to matrix addition 		
correct, the '+' corresponds to matrix addition That values does the variable out take if the following lines of code are run?	1/1point	
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hat values does the variable out take if the following lines of code are run? 1 2 X=np.arnay([[1,0,1],[2,2,2]]) 3 out=X[0:2,2]	1/1 point	
that values does the variable out take if the following lines of code are run? 1 2 X=np.array([[1,0,1],[2,2,2]]) 3 out=X[0:2,2] 4 out	1/1 point	
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1 / 1 point

5. Consider the following text file: Example1.txt:

This is line 1

This is line 2

This is line 3

What is the output of the following lines of code?

```
with open("Example1.txt","r") as file1:

FileContent=file1.read()
print(FileContent)
```

This is line 1

This is line 2

This is line 3

- O This is line 1
- O This
- ✓ Correct Correct.

6. Consider the following line of code:

```
1
2 with open(example1,"r") as file1:
3
```

What mode is the file object in?

- read
- O write
- $\bigcirc \ \ \mathsf{append}$
- Correct
 Correct, the mode is set to r for read.

7. What do the following lines of code do?

```
with open("Example.txt","a") as writefile:

writefile.write("This is line A\n")
writefile.write("This is line B\n")
```

- Read the file "Example.txt"
- Append the file "Example.txt"
- O Write to the file "Example.txt"
- Correct
 Correct.

8. What task do the following lines of code perform?

- Print out the content of Example2.txt.
- Check the mode of the open function for each file object.
- Opy the text from Example2.txt to Example3.txt.
- Correct
 Correct.

9. Consider the dataframe **df**. How would you access the element in the 2nd row and 1st column?

1/1 point

1/1 point

1 / 1 point

1/1 point

- df.iloc[1,0]
- O df.iloc[2,1]
- O df.iloc[0,1]

48

10. What function would you use to load a csv file in Pandas?

1/1 point

pd.read_csv

pd.read_excel

Ocrrect correct