

Quiz 1.2 | Learning Python

Due No due date

Points 8

Questions 8

Time Limit None

Instructions

The quizzes consists of questions carefully designed to help you self-assess your comprehension of the information presented on the topics covered in the module. Quiz once attempted i.e answered will not be able to attempt the same question again, so please be careful when submitting.

Each question in the quiz is of multiple-choice or "true or false" format. Few maybe having multiple options correct. You will be awarded points accordingly. Each correct or incorrect response will result in appropriate feedback at end when submitted.

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	2 minutes	7 out of 8 *

* Some questions not yet graded

Score for this quiz: **7** out of 8 *

Submitted Aug 22 at 5:50pm

This attempt took 2 minutes.

Question 1

1 / 1 pts

Select all the options which are the correct way of naming a variable:

☐ @x123

☒ _123

☐ 12abc

☒ Abc_123

Correct!

Correct!

Question 2

1 / 1 pts

What is the output of the following:

```
X = True
```

```
type(X)
```

☐ str

☐ int

☒ boolean

☐ error

Correct!

Question 3

1 / 1 pts

What is the output of the following:

```
X = 'True'
```

```
type(X)
```

☒ str

☐ int

☐ boolean

☐ error

Correct!

Question 4

Not yet graded / 1 pts

How do you import a library in python? (provide a simple code)

Your Answer:

#For importing a library in python one use import or from keyword #as given below

```
import numpy as np
import pandas as pd
import matplotlib.pyplot as plt

from matplotlib.dates import date2num
import datetime as dt
data = [(dt.datetime.strptime('2016-10-03','%Y-%m-%d'),772.559998),
        (dt.datetime.strptime('2016-10-04','%Y-%m-%d'),776.429993),
        (dt.datetime.strptime('2016-10-05','%Y-%m-%d'),776.469971),
        (dt.datetime.strptime('2016-10-06','%Y-%m-%d'),776.859985),
        (dt.datetime.strptime('2016-10-07','%Y-%m-%d'),775.080017)]
x = [date2num(date) for (date,value) in data]
y = [value for (date,value) in data]
fig = plt.figure()
graph = fig.add_subplot(111)
graph.plot(x,y,'-or')
graph.set_xticks(x)
graph.set_xticklabels([date.strftime('%Y-%m-%d') for (date,value) in data])
plt.xlabel('Date')
plt.ylabel('Closing Value')
plt.title('Closing stock value of Alphabet Inc.')
plt.minorticks_on()
plt.grid(which='major',linestyle='-',linewidth='0.5',color='red')
plt.grid(which='minor',linestyle=':',linewidth='0.5',color='black')
plt.tick_params(which='both',top='off',left='off',right='off',bottom='off')
plt.show()
```

Question 5

1 / 1 pts

Consider a tuple a = (1,5,10).

Which is the correct way of inserting a value of 4 between 1 and 5.

☐ a.insert(5,4)

☐ a[1] = 4

☐ a.append(4)

☒ Not possible

Correct!

Question 6

1 / 1 pts

Which of the following are valid ways to specify the string literal abc'xyz in Python:

☐ "abc'xyz"

☐ ""'abc'xyz'""

☐ ""'abc'xyz'""

☒ All of the above

Correct!

Question 7

1 / 1 pts

What are different data types in python?

☐ Strings, integer

Correct!

☐ Boolean, float, complex

☒ Both a and b

Question 8

1 / 1 pts

Consider a list: `X = [1,2,3,4,5,6,7,8,9,10]`

Which is/are the correct way to get the output `[7,8,9,10]`

Correct!

☒ `X[6:11]`

☐ `X[7:10]`

☐ `df(tail)`

☐ All of the above

Quiz Score: **7** out of 8