

# Midterm Quiz

Total points 15/20 ?

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What is your name? \*

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✓ 1-) How can you read only 1 character from stream?

1/1

- ☐ stream.read()
- ☐ stream.readlines()
- ☒ stream.read(1)
- ☐ stream.readinto



✓ 2-) What is the expected output of readlines method?

1/1

- ☐ String
- ☐ Tuple
- ☒ List of strings
- ☐ Dictionary



✓ 3-) Which is true about 'self' keyword?

1/1

- ☒ self may take another names, it is a convention. ✓
- ☐ cannot be another name
- ☐ it can always change from object to object
- ☐ it must be changed in a way

✗ 4-) Which of the following statements are true? (Select all that apply)

0/1

- ☐ UNICODE is the name of an operating system
- ☐ UTF-8 is the name of a data transmission device
- ☐ ASCII is an acronym for Automatic Systems of Computer Inner Interoperability
- ☒ The Python Language Reference is the official reference manual that describes the syntax and semantics of the Python language ✓
- ☐ Python strings are immutable, which means they cannot be sliced
- ☒ Python strings are mutable, which means they can be sliced ✗
- ☒ Lists and strings in Python can be sliced ✓

Correct answer

- ☒ The Python Language Reference is the official reference manual that describes the syntax and semantics of the Python language
- ☒ Lists and strings in Python can be sliced



✗ 5-) What is true about the `__init__.py` file? (Select all that apply)

0/1

- ☐ It cannot be an empty file
- ☒ It can execute an initialization code for a package ✓
- ☐ It is required to make Python treat a given directory as a Python package directory
- ☐ It is required to make Python treat a given directory containing packages as a directory without packages

Correct answer

- ☒ It can execute an initialization code for a package
- ☒ It is required to make Python treat a given directory as a Python package directory

✓ 6-) Which is true?

1/1

- ☒ Class methods must take at least one parameter ✓
- ☐ Class methods take only self
- ☐ Class methods take no parameter
- ☐ Class methods take only keyword parameters

✓ 7-) `open('file.txt','a')` which one is correct?

1/1

- ☐ It deletes all entity in the file.
- ☐ It reads all entity in the file.
- ☐ It write at the beginning of the file only.
- ☒ It does not delete entity and add end of file. ✓



✗ 8-) Select the true statements:(select all that apply)

0/1

- ☒ Positional arguments are also called keyword arguments ✗
- ☐ The order of arguments matters when they are passed positionally
- ☐ The order of arguments matters when they are passed by their name
- ☐ A function can be called with a mix of positional and keyword arguments

Correct answer

- ☒ The order of arguments matters when they are passed positionally
- ☒ A function can be called with a mix of positional and keyword arguments

✓ 9-) Which one is not correct?

1/1

- ☐ Tuple can be an element of a list
- ☐ List can be an element of tuple
- ☒ A key of dictionary can be tuple ✓
- ☐ A value of dictionary can be tuple

✓ 10-) The package/directory folder may contain a file intended to initialize the package. Its name is: 1/1

- ☐ \_init.\_\_py
- ☐ init.py
- ☒ \_\_init\_\_.py ✓
- ☐ \_init.py



✓ 11-) When a file is opened in a read mode, it:

1/1

- ☐ will be deleted if it exists
- ☐ it cannot exist (it must be created every time)
- ☒ it must exist (exception will be raised otherwise)
- ☐ it does not have to exist (it will be created if absent)



✗ 12-) There is a modul named supermod, and a function resides in it, named superfunction() . How we import the function?(Multiple choice)

0/1

- ☒ from supermod import superfunction
- ☐ from supermod import \*
- ☐ import supermod
- ☐ superfunction()



Correct answer

- ☒ from supermod import superfunction
- ☒ from supermod import \*

✓ 13-) If there is a finally: branch inside the try: block, we can say that:

1/1

- ☐ It will be executed when there is no exception
- ☐ It won't be executed
- ☒ It will always be executed
- ☐ It won't be executed if no exception is raised



✓ 14-) If there are more than one except: branches after the try:, we can say that: 1/1

- ☒ not more than one except: block will be executed ✓
- ☐ exactly one of the except: block will be executed
- ☐ none of the except: blocks will be executed
- ☐ one or more of the except: blocks will be executed

✓ 15-) The \n digraph forces the print() function to: 1/1

- ☐ output exactly two characters: \ and n
- ☐ stop its execution
- ☐ duplicate the character next to the digraph
- ☒ break the output line ✓

✓ 16-) The fact that tuples belong to sequence types means: 1/1

- ☐ they can be extended using the .append() method
- ☐ they are actually lists
- ☐ they can be modified using the del instruction
- ☒ they can be indexed and sliced like lists ✓



✓ 17-) Which of the following statements is false?

1/1

- ☒ The None value may not be used outside functions ✓
- ☐ The None value cannot be used as an argument of arithmetic operators
- ☐ The None value can be assigned to variables
- ☐ The None value can be compared with variables

✓ 18-) The meaning of the keyword argument is determined by:

1/1

- ☐ its value
- ☐ its position within the argument list
- ☐ its connection with existing variables
- ☒ the argument's name specified along with its value ✓

✗ 19-) Select the true statements:(select all that apply)

0/1

- ☒ The class keyword marks the beginning of the class definition ✓
- ☐ An object cannot contain any references to other objects
- ☒ A class may define an object ✓
- ☒ A constructor is used to instantiate an object ✓
- ☒ An object variable is a variable that is stored separately in every object ✗

Correct answer

- ☒ The class keyword marks the beginning of the class definition
- ☒ A class may define an object
- ☒ A constructor is used to instantiate an object



- ✓ 20-) If you want to tell your module's users that a particular variable should not be accessed directly, you may: 1/1
- ☐ start its name with a capital letter
  - ☐ build its name with lowercase letters only
  - ☒ start its name with \_ or \_\_ ✓
  - ☐ use its number instead of its name

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