

# QUIZ:- 01

<b>Started on</b>	Mittwoch, 20 Oktober 2021, 1:37
<b>State</b>	Finished
<b>Completed on</b>	Montag, 25 Oktober 2021, 8:28
<b>Time taken</b>	5 days 6 hours
<b>Marks</b>	6.17/7.00
<b>Grade</b>	3.52 out of 4.00 (88%)

Question **1**

Complete

Mark 1.00 out of 1.00

🚩 Flag question

What's the python symbol for a single line comment

Select one or more:

☐ %

☒ #

☐ //

Question **2**

Complete

Mark 1.00 out of 1.00

🚩 Flag question

Which of the following options are syntactically correct (meaning: they will not raise an error)?

Select one or more:

☐ "abkjdf  
lkdjf1kj  
"

☒ x = 1 + 2 + 3 \  
+ 4 + 5

☒ x = 1 + 2 + 3  
+ 4 + 5

Question **3**

Complete

Mark 1.00 out of 1.00

🚩 Flag question

How can you access the docstring associated with any python object, here named "o", from within an ipython shell?

Select one:

☒ o?

☐ help o

☐ !o

Question **4**

Complete

Mark 1.00 out of 1.00

🚩 Flag question

Assume you are in an ipython shell and you have loaded a python module as follows:

```
import sys
```

how can you find all functions that start with ,path' in the sys module?

Select one or more:

☒ sys.path\*?

☐ find 'path' in sys

☒ sys.path[tab]

Note that [tab] means that you press the tab key on your keyboard.

Question **5**

Complete

Mark 1.00 out of 1.00

🚩 Flag question

How do you open a jupyter notebook for this lecture?

Select one or more:

- ☒ Use the BHT JupyterHub deployment under <https://jupyter.app.dataxis.com/>
- ☒
  - Download the latest python binaries
  - from <https://www.python.org/downloads/>
  - Execute in a terminal:
    - `python3 -m venv venv`
    - `source venv/bin/activate`
    - `pip install jupyter`
    - `jupyter notebook`
- ☒
  - Download the latest anaconda distribution
  - from <https://www.anaconda.com/distribution/>
  - Execute in a terminal:
    1. `conda create -n my_env python=3.9`
    2. `conda activate my_env`
    3. `conda install jupyter`
    4. `jupyter notebook`

Question **6**

Complete

Mark 0.50 out of 1.00

🚩 Flag question

Which of the following statements is true?

Select one or more:

- ☐ Whitespaces in python code do not influence the interpretation of the code.
- ☐ You can use either blanks or tabs to indent code in python, but you must not mix the two types of whitespace within one program.
- ☒ Python code blocks are grouped by their indentation level.

Question **7**

Complete

Mark 0.67 out of 1.00

🚩 Flag question

Your code crashed and you need to find out why. How do you find out the variable assignments when the error was raised?

- ☒ In ipython/jupyter you can enter `,debug'` to enter the debugger and use up/down/quit as well as inspect all variables.
- ☒ You could add a lot of print statements to your code and run it again.
- ☐ You can add breakpoints to your code and run it again, then step through all breakpoints and inspect the variables.