



## Practice Quiz: Slow Code

TOTAL POINTS 5

1. Which of the following is NOT considered an expensive operation?

1 point

- ☐ Parsing a file
- ☐ Downloading data over the network
- ☐ Going through a list
- ☒ Using a dictionary

2. Which of the following may be the most expensive to carry out in most automation tasks in a script?

1 point

- ☒ Loops
- ☐ Lists
- ☐ Vector
- ☐ Hash

3. Which of the following statements represents the most sound advice when writing scripts?

1 point

- ☐ Aim for every speed advantage you can get in your code
- ☐ Use expensive operations often
- ☒ Start by writing clear code, then speed it up only if necessary
- ☐ Use loops as often as possible

4. In Python, what is a data structure that stores multiple pieces of data, in order, which can be changed later?

1 point

- ☐ A hash
- ☐ Dictionaries
- ☒ Lists
- ☐ Tuples

5. What command, keyword, module, or tool can be used to measure the amount of time it takes for an operation or program to execute? (Check all that apply)

1 point

- ☒ time
- ☒ kcachegrind
- ☒ cProfile
- ☐ break

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