Honors Computer Science 2 Midterm Review

Who created the Python programming language?

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What TV show was Python named after?

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List three reasons why Python is an ideal language for what type of programming

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List three features of Python?

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What does it mean that Python is an interpreted language?

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Text to the right of which character is considered a comment

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When is an escape character used?

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Define literal constants

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List three legal variable names

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List all operators and what function they perform

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Explain why indentation is important in Python

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Explain the proper way to construct the top line of an if statement

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What is the chunk of code inside an if statement called?

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What is the default iterator for a for..in loop (for loop)

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What statement is used to break out of a loop

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List three things about functions

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What keyword should you use to define a function?

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What is the act of using a function within your program called?

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What are Parameters? How are parameters used?

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Explain the difference between parameters and arguments

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Explain the difference between local and global scope

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What keyword is used within a function in order for it to contain a value

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Define Data Structure

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Define list and its methods

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Define tuple and its methods

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Define dictionary and its methods

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How are items stored in a dictionary?

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What must be attached to a dictionary when being iterated over?

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What code could you use to delete an element of a list or tuple?

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Tuples are created under the assumption data will not change, thus making them what?

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List 3 facts about Classes in Python

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List 3 facts about Objects in Python

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Describe the \_\_init\_\_ method…

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How do methods differ from functions?

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When would you need to create a class variable?

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