



## Practice Quiz: Introduction to Programming

TOTAL POINTS 5

1. What's a computer program?

1 point

- ☐ A set of languages available in the computer
- ☐ A process for getting duplicate values removed from a list
- ☒ A list of instructions that the computer has to follow to reach a goal
- ☐ A file that gets copied to all machines in the network

2. What's the syntax of a language?

1 point

- ☒ The rules of how to express things in that language
- ☐ The subject of a sentence
- ☐ The difference between one language and another
- ☐ The meaning of the words

3. What's the difference between a program and a script?

1 point

- ☒ There's not much difference, but scripts are usually simpler and shorter.
- ☐ Scripts are only written in Python.
- ☐ Scripts can only be used for simple tasks.
- ☐ Programs are written by software engineers; scripts are written by system administrators.

4. Which of these scenarios are good candidates for automation? Select all that apply.

1 point

- ☒ Generating a sales report, split by region and product type
- ☐ Creating your own startup company
- ☐ Helping a user who's having network troubles
- ☒ Copying a file to all computers in a company
- ☐ Interviewing a candidate for a job
- ☒ Sending personalized emails to subscribers of your website
- ☐ Investigating the root cause of a machine failing to boot

5. What are semantics when applied to programming code and pseudocode?

1 point

- ☐ The rules for how a programming instruction is written
- ☐ The difference in number values in one instance of a script compared to another
- ☒ The effect the programming instructions have
- ☐ The end result of a programming instruction

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