# Crash Course with Python

Friday, December 10, 2021 5:42 PM

# Practice Quiz: Introduction to Programming

# **Total points** 5

#### 1.

Question 1

What's a computer program?

#### 1/1 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

#### Correct

You nailed it! At a basic level, a computer program is a recipe of instructions that tells your computer what to do.

## 2.

Question 2

What's the syntax of a language?

#### 1/1 point

### The rules of how to express things in that language

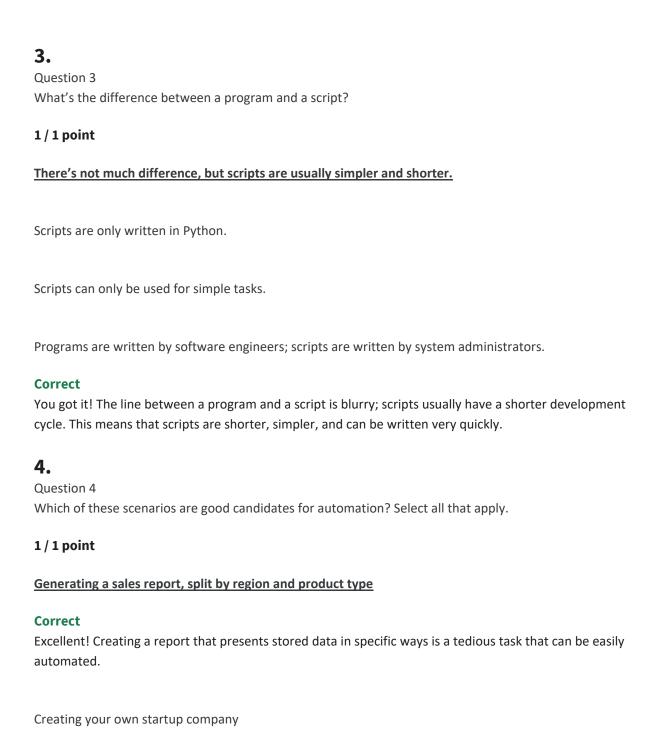
The subject of a sentence

The difference between one language and another

The meaning of the words

#### **Correct**

Right on! In a human language, syntax is the rules for how a sentence is constructed, and in a programming language, syntax is the rules for how each instruction is written.



# Copying a file to all computers in a company

Helping a user who's having network troubles

#### Correct

Nice work! A task like copying files to other computers is easily automated, and helps to reduce unnecessary manual work.

Interviewing a candidate for a job

#### Sending personalized emails to subscribers of your website

#### **Correct**

Great job! Sending out periodic emails is a time-consuming task that can be easily automated, and you won't have to worry about forgetting to do it on a regular basis.

Investigating the root cause of a machine failing to boot

## **5.**

Question 5

What are semantics when applied to programming code and pseudocode?

#### 0 / 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

#### **Correct**

Nice job! Like human language, the intended meaning or effect of words, or in this case instructions, are referred to as semantics.